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March 1, 1906.

A CATALOGUE

OF THE LIBRARY OF THE

Insurance Library Association of Boston

To Which is Added

A Sketch of the History and Work of the Association, Together with Other Information

Compiled and Arranged by

Henry E. Hess

Sometime Secretary and Treasurer of the Association

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It will be considered a favor if errors found in this Catalogue are reported to HENRY E. HESS, 32 Nassau Street, New York.

PREFACE

This Catalogue represents an effort, more or less crude, to place before the members of the Association a classified list of the books and pamphlets, journals and magazines, that have been gathered into our library since its opening ten years ago. It is not the work of a professional cataloguer, but of a business man, who has been able to give to it only his leisure time and such odd moments as he could spare in the intervals of daily duty. Its publication was planned for the early summer of this year; but just as the first pages went to press the compiler was called upon to remove to New York, and as a result all subsequent work had to be done at long range and by correspondence. Produced under such conditions the book cannot fail of many imperfections; nevertheless, its compiler trusts that it may be of some assistance to those seeking information at our rooms. If it shall save any of his fellows labor, or open up to them new avenues of instruction and entertainment, he will feel amply rewarded for the time and work devoted to its production.

H. E. H.

NEW YORK, December, 1899.

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Proceedings and transactions referred to in this Catalogue are abbreviated as follows :—

ABBREVIATION	STANDS FOR
Association Manchester .	Reports of the Insurance Association of Manchester.
Australasian . . .	Australasian Insurance and Banking Record.
Birmingham . . .	Transactions of the Birmingham Insurance Institute.
Bristol	Transactions of the Insurance Institute of Bristol.
British	Publications of the British Fire Prevention Committee.
Edinburgh . . .	Transactions of the Actuarial Society of Edinburgh.
Engineers . . .	Proceedings of the National Association of Fire Engineers.
Exchange . . .	Reports of the New England Insurance Exchange.

Federation . . .	Journal of the Federation of Insurance Institutes of Great Britain and Ireland.
Glasgow . . .	Transactions of the Insurance and Actuarial Society of Glasgow.
Ireland	Reports of the Insurance Institute of Ireland.
Manchester . . .	Reports of the Insurance Institute of Manchester.
Massachusetts . .	Reports of the Massachusets State Firemen's Association.
Missouri . . .	Proceedings of the Missouri, Kansas and Nebraska Association of Fire Underwriters.
Mutuals	Publications of the Boston Manfacturers' Mutual Insurance Company.
N. A. Buildings . .	Proceedings of the National Association of Commissioners and Inspectors of Buildings of the United States of America.
National . . .	Proceedings of the National Board of Underwriters.
Newcastle . . .	Reports of the Insurance Institute of Newcastle-on-Tyne.
N. I. C. . . .	Reports of the National Insurance Convention.
N. I. C. Text-book .	Insurance, a Text-book; being Addresses delivered at National Insurance Convention, 1898.
Norwich . . .	Reports of the Norwich Insurance Institute.

Northwest . . .	Proceedings of the Fire Underwriters Association of the Northwest.
N. Y. State . . .	Proceedings of the New York State Association of Supervising and Adjusting Agents.
Pacific	Proceedings of the Fire Underwriters Association of the Pacific.
Philadelphia Association,	Reports of the Philadelphia Fire Underwriters' Association.
Protection . . .	Reports of the National Fire Protection Association.
South	Proceedings of the Underwriters Association of the South.
Southeastern . . .	Proceedings of the Southeastern Tariff Association.
United	Proceedings of the United Fire Underwriters in America.
Underwriters . . .	Proceedings of the Underwriters Association of New York State.
Victoria . . .	Reports of the Insurance Institute of Victoria.
Wales Record . .	Journal of the Insurance Institute of New South Wales.
Yorkshire . . .	Reports of the Insurance Institute of Yorkshire.

The abbreviations used in connection with description of books and pamphlets refer to their height, and are those

recommended by the American Library Association, as shown on the Cole Size Card, being approximately as follows:—

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S (16°)	"	17.5	"	"	7	"
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Q (4°)	"	30	"	"	12	"
F (f°)	"	35	"	"	14	"

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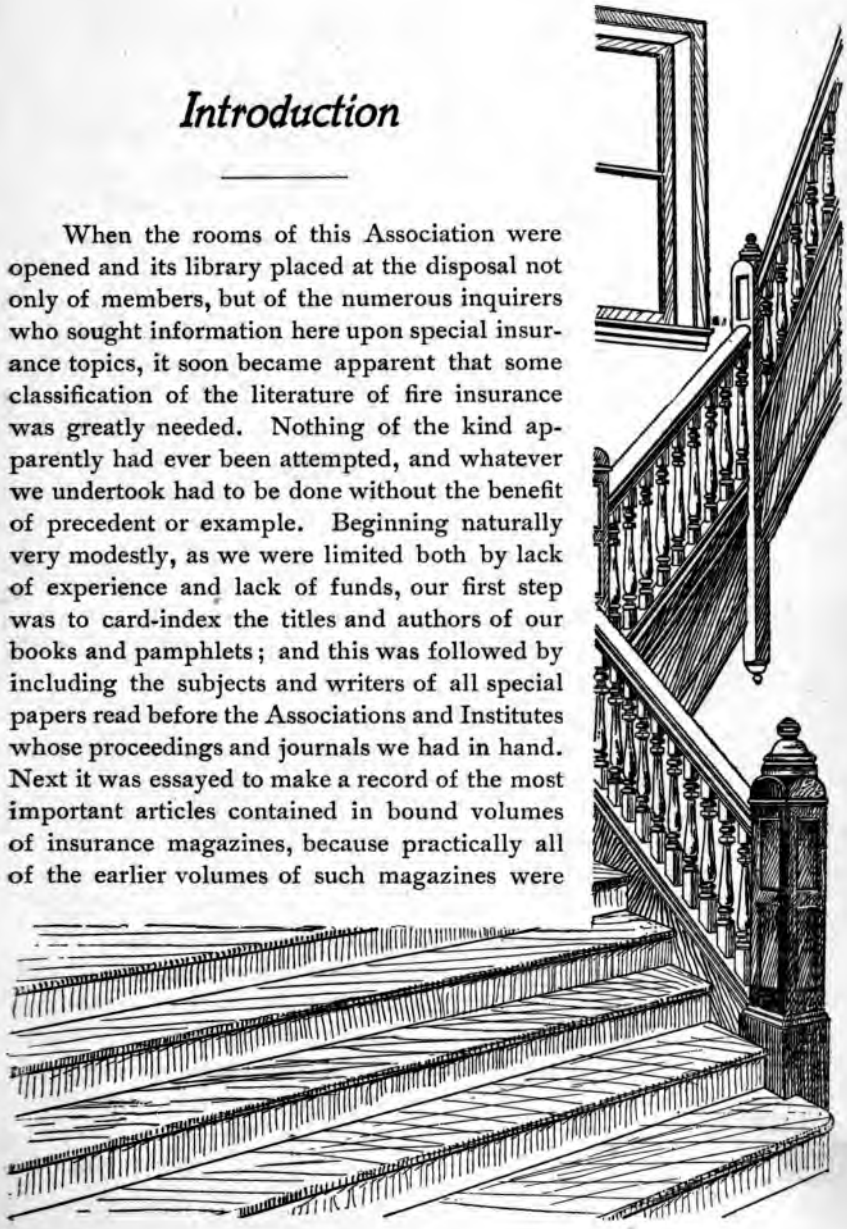
Whenever the width is more than three fourths of the height *Sq.* is prefixed.

When the width is more than the height *Ob.* is prefixed.

Introduction

When the rooms of this Association were opened and its library placed at the disposal not only of members, but of the numerous inquirers who sought information here upon special insurance topics, it soon became apparent that some classification of the literature of fire insurance was greatly needed. Nothing of the kind apparently had ever been attempted, and whatever we undertook had to be done without the benefit of precedent or example. Beginning naturally very modestly, as we were limited both by lack of experience and lack of funds, our first step was to card-index the titles and authors of our books and pamphlets; and this was followed by including the subjects and writers of all special papers read before the Associations and Institutes whose proceedings and journals we had in hand. Next it was essayed to make a record of the most important articles contained in bound volumes of insurance magazines, because practically all of the earlier volumes of such magazines were



published without indexes; but this undertaking called for so much time to be devoted to looking through the volumes that it has not progressed beyond a beginning.

Scrapbooks were also arranged, into which were gathered articles of interest appearing in daily newspapers and publications not exclusively devoted to insurance. All this was done by workers untrained in library work and hampered by lack of means; but finally enough material was secured to justify an effort at classification, and the results of that effort are presented in this volume. Nothing is listed therein but what is actually in our files, and nothing is duplicated, an entry being made but once and then credited either to the author of a book, the writer of a paper, or, failing accredited authorship, to the periodical in which it is to be found. An index, however, is added where all the entries credited to any given author are grouped by number under his name.

As to the classification itself it might be much improved; but as it is the first of its kind it is put forward with the hope that it will be found at least better than none at all. It is arranged alphabetically, and under headings that, so far as possible, have been made self-suggestive.

While the main effort of the Association has been to establish a library of fire and marine insurance literature, it has incidentally come into possession of many books relating to other branches of insurance, and all of these are entered under the one classification of "Life Insurance"; not because they belong there, but because it was not deemed worth while at this time to make special classifications for branches other than those most prominently represented in our collection.

In nothing has greater difficulty been encountered than in the effort to gather together complete sets of Proceedings and Transactions of field organizations and foreign institutes. Although containing most valuable contributions from practical men, these yearly publications have hitherto been allowed to quickly drop from sight, and the search required to bring together complete files of them has been successful only because persistent and insistent.

Equally difficult has been the work of building up complete files of Insurance Journals, only one publisher being able to furnish his paper complete from its beginning, and in a majority of cases it being impossible to secure from the others even correct sketches of the history of their papers. The correspondence entailed by our efforts to secure missing volumes has been voluminous to an extent justified only by the results herein recorded, which we feel are the more surprising when their moderate money cost is considered. This we owe chiefly to the generosity of the publishers, who have not only furnished us with current issues from year to year, but have given us every assistance in advertising for volumes needed. Their generosity has been ably seconded in many instances by that of companies who allowed us to go through their accumulations of periodicals and take therefrom any publication wanted for our own files.

In connection with our search for missing volumes a singular fact may be noted for the benefit of other searchers, and that is that in many instances volumes are included by journals in their enumerations which, as a fact, were never issued. Commonly this grows out of a change of name, the new journal continuing the volume enumeration of the old one; but almost as often it is the result of changes from semi-annual to annual publication; under any circumstances it is confusing and discouraging to those who spend time seeking for volumes that were never published. So far as we have learned of these and other changes in enumeration or make-up or title of journals, we have noted the same in our sketch of each in this volume, in the hope that the information may be of service not only to our own members but to students of insurance literature in other parts of the world.

It is our impression that the titles of the papers read before the Associations of this country and the Institutes of Great Britain have never before been brought together and classified, and in this it is possible that our work may be of value to the members of those organizations wherever located. If so, we shall regard it as some requital for their kindness,

and more particularly that of their Secretaries, in helping us to make our sets complete.

The volumes referred to as "Mutual Publications" are compiled by us, and contain the circulars issued to members of the Boston Manufacturers Mutual Insurance Company, furnished us through the courtesy of that Company.

In gathering together a record of articles and books referring to Buildings and Building Laws, as well as in listing the addresses made before Associations of Firemen, it is believed that material is secured that cannot fail to be of use in the business of fire insurance. Electrical hazards are also of such importance in that business that a special classification of books and pamphlets relating thereto has been made; and publications relating to Acetyline and its hazards are listed in connection with those on inflammable oils.

Some of the most thoughtful and pertinent suggestions in our business have been made by presiding officers of Field Associations in their annual addresses, and in order to afford some means of referring to these a separate classification of such addresses is made, showing when and by whom they were delivered.

No effort has been made to collect Rate Books and Tariffs, but a few have been preserved as of interest in connection with the fire insurance history of Boston, or as illustrating customs of the business in other parts of the world.

In prosecuting our work we have had occasion to invoke the assistance of many correspondents, at home and abroad, whose generous help it would be a pleasure to acknowledge here by name were the list not too long for the limits of our volume. We must therefore content ourselves with putting on record our appreciation of the services rendered us, and our feeling that without such assistance this catalogue, lacking material, could not have been compiled.

CATALOGUE

Adjusters and Adjusting

Including Special Agents' Hand Books. (See also Arguments, Briefs of Counsel, Legal Opinions, and Referees' Decisions.)

1001. **Abbey (A. J. B.):** Law Relative to Other Insurance. (Weekly Underwriter Prize Essay, signed "Joshua Middlebrook"; Honorable Mention.) *Northwest*, 1881, *p.* 213.

1002. **American Exchange and Review** *(continued on next page)*:

Blanket Insurance, Probabilities in. *Vol. XXXIV. p.* 173.

Fire Insurance *vs.* Riot. *Vol. XXXI. p.* 288.

Graduation of Building Depreciation. *Vol. XXXIV. p.* 138.

Legal Interpretation of the Fire Policy and its Wording. *Vol. XXXIII. p.* 120.

Loss by Explosion and Fire, Proximate Cause. *Vol. XXXIII. p.* 184.

1002. **American Exchange and Review** *(concluded)*:

Relative Subjection to Damage, and Salvage Possibilities, of Wool and Cotton. *Vol. XXXVII. p.* 175.

Substance Loss and Value Loss in Fire Insurance. *Vol. XXXII. p.* 206.

1003. **Andre (A. A.)**: What to Do After a Fire; being advice by an Adjuster to persons insured. *San Francisco, Pamphlet Sq. S., pp.* 22. Bound Pamphlets, Vol. X.

1004. **Atkins (Richard)**: The Average Clause; or Hints on the Settlement of Claims for Losses by Fire under Mercantile Policies. *London*, 1860, *D., pp.* 108.

1005. **Bates (Thomas)**: Suggestions in Regard to Waivers. *Northwest*, 1889, *p.* 59.

1006. **Beck (L.)**: Mortgage Interest. *Pacific*, 1880, *p.* 100.

1007. **Beddall (E. F.)**: Duties of a Special Agent. *N. Y. State*, 1896, *p.* 10.

1008. **Berne (J. J.)**: Adjusters' Field Companion; Tables and Examples of Values and Depreciations. *Chicago*, 1890, *O., pp.* 187.

1009. ——: Best Rule for Adjusting Non-Concurrent Policies. *Northwest*, 1888, *p.* 104.

1010. ——: Law Relative to Other Insurance. (Weekly Underwriter Prize Essay, signed "Adjuster"; Honorable Mention.) *Northwest*, 1881, *p.* 222.

1011. ——: The Insurance Contract; Adjustments and Adjusters. *Northwest*, 1886, *p.* 140.

1012. **Beveridge (David)**: The Current Form of Policy. *Northwest*, 1877, *Appendix.*

1013. ——: Waiver and Estoppel. *Northwest*, 1878, *Appendix.*

1014. **Blodget (A. C.)**: Law of Waiver and Estoppel; an Insurance Case. *Detroit*, 1881, *Pamphlet O.*, *pp.* 8. Bound Pamphlets, Vol. I.

1015. ——: Proximate Cause of Loss under Fire Insurance Policies. *Philadelphia*, 1881, *Pamphlet O.*, *pp.* 7. Bound Pamphlets, Vol. I.

1016. ——: Referees' Report on Policy Covering "Patterns." *Philadelphia*, 1880, *Pamphlet O.*, *pp.* 4. Bound Pamphlets, Vol. I.

1017. **Bokee (D. M.)**: The Adjuster; Is he Made or Born? *Pacific*, 1889, *p.* 71.

1018. **Boston Manufacturers' Mutual Publications**:
Adjustment of Losses. *Vol. II. p.* 1.
What Constitutes Indemnity. *Vol. II. p.* 153.
What to Do After a Fire. *Vol. I. p.* 63.

1019. **Bromwell (L. L.)**: Fraud, Misrepresentation, Concealment. *Pacific*, 1880, *p.* 94.

1020. **Case (Charles Lyman)**: Advice to Young Special Agents. *Northwest*, 1888, *p.* 49.

1021. **Chalmers (W. L.)**: Bureau System of Adjusting. *Pacific*, 1888, *p.* 54.

1022. ——: Losses and Adjustments. *Pacific*, 1887, *p.* 29.

1023. ——: Some Mistakes in the Management of Fire Loss Adjustments. *Pacific*, 1897, *p.* 68.

1024. **Chronicle**: Apportionment of Non-Concurrent Policies in Rossiter's and other Storehouses, 1889. *Chronicle*, *Vol. XLIII. pp.* 266 *and* 304.

1025. **Covington (J. I.)**: Adjustment of Fire Losses. *Northwest*, 1882, *p.* 187.

1026. **De Camp (J. M.)**: The Special Agent: His Duties, Methods of Performing them, and what he Should be. (Chronicle Prize Essay signed "Cicero." First Prize.) *Northwest*, 1881, *p.* 143.

1027. **Dosser (Chas. E.):** Adjusters and Adjustments; Their Relation to Public Sentiment. *Northwest*, 1894, *p.* 142.

1028. **Driffield (V. C.):** Garnishments before Proofs. *Pacific*, 1892, *p.* 130.

1029. ——: Statutory Requirements of the Various States. *Pacific*, 1889, *p.* 22.

1030. **Dutton (W. J.):** Co-Existent Fire and Marine Policies. *Pacific*, 1893, *p.* 138.

1031. **Edwards (L. B.):** Adjustment before Loss. *Pacific*, 1892, *p.* 175.

1032. **Explosions of Gun Powder to Prevent the Spread of Fire.** Proceedings of a Trial in the Supreme Court of New Jersey involving Liability of the Mayor of New York for goods destroyed by blowing up Warehouses containing same to stop Great Fire in 1835. *New York*, 1852, *O.*, *pp.* 332.

1033. **Explosions of Gun Powder to Prevent the Spread of Fire.** Legal Opinions obtained by the Adjusters' Association on the Liability of Insurance Companies for Property destroyed or damaged to prevent the spread of fire in the great Boston Conflagration. *Boston*, 1872, *Pamphlet O.*, *pp.* 16. Bound Pamphlets, Vol. V.

1034. **Faymonville (Bernard):** The Insurer's Liability on Buildings in Course of Construction. *Pacific*, 1892, *p.* 115.

1035. ——: Proper Vice. *Pacific*, 1888, *p.* 57.

1036. **Ferry (C. P.):** Losses and Adjustments. *Pacific*, 1886, *p.* 69.

1037. **Finch (John A.):** Appraisal and Award. *New York*, 1897, *Pamphlet D.*, *pp.* 22. Bound Pamphlets, Vol. IX.

1038. ——: Insurance Companies in Court. *Northwest*, 1888, *p.* 58.

1039. **Finney (J. G.):** Field *vs.* The Office. *Northwest*, 1882, *p.* 122.

1040. **Fowler (J. A.):** Mathematical Adjustment of Fire Loss. *American Exchange and Review*, *Vol. XXXV. p.* 204.

1041. **Fox (W. F.):** Law Relative to Other Insurance. (Weekly Underwriter Prize Essay, signed "Rob Roy"; First Prize.) *Northwest*, 1881, *p.* 193.

1042. ——: The Special Agents' and Adjusters' Handbook. Second edition. *Chicago*, 1883, *Nar. S.*, *pp.* 194.

1043. ——: The Special Agents' and Adjusters' Handbook. Third edition. *Chicago*, 1894, *Nar. S.*, *pp.* 288.

1044. ——: The Special Agent, His Duties, Methods of Performing Them, and What He Should Be. (Chronicle Prize Essay, signed "Novice"; Honorable Mention.) *Northwest*, 1881, *p.* 171.

1045. **Gates (W. E.):** Some Notes on Fire Loss Adjustments. *Wales*, *Record No.* 90.

1046. **Garniss (J. R.):** Losses and Adjustments. *Pacific*, 1882, *p.* 20.

1047. **Getman (Nellis):** Hints to Insurers Against Fire Before, During, and After Loss.) *Johnstown*, *N. Y.*, 1897, *Pamphlet Sq. T.*, *pp.* 15. Bound Pamphlets, Vol. X.

1048. **Gibbons (W. H.):** Small Loss Adjustments. *Pacific*, 1897, *p.* 148.

1049. **Goodfellow (W. S.):** Garnishments. *Pacific*, 1898, *p.* 82.

1050. **Grant (George F.):** Special Agents. *Pacific*, 1884, *p.* 75.

1051. **Grant (H. M.):** A Celebrated Case—The Bonner Mercantile Company's Loss at Butte City, Mont. *Pacific*, 1890, *p.* 29.

1052. **Grant (H. M.)**: Upon the Element of Estimate in Loss Adjustments. *Pacific*, 1891, *p.* 119.

1053. **Griswold (Jeremiah)**: Handbook of Adjustments of Loss or Damage by Fire for the use of Fire Underwriters. Second edition. *New York*, 1882, *O.*, *pp.* 171.

1054. ——: Handbook of Adjustments of Loss or Damage by Fire for the use of Fire Underwriters. Third edition. *New York*, 1894, *D.*, *pp.* 178.

1055. **Gunnison (A. R.)**: Rules for Apportionment. *Pacific*, 1885, *p.* 75.

1056. **Harbeck (E.)**: Adjusters and Adjustments. *Northwest*, 1888, *p.* 138.

1057. **Harvey (Wm.)**: Conditions in Fire Policies. *Edinburgh*, *Vol. III. p.* 321.

1058. **Hine (C. C.)**: A few Oddities of Insurance Litigation. *Northwest*, 1892, *p.* 77.

1059. **Holden (J. L.)**: Depreciation of Property. *Northwest*, 1878, *p.* 34.

1060. **Holloway (George A.)**: Field Experience. *Northwest*, 1877, *p.* 29.

1061. **Hore (William H.)**: Remarks on the Apportionment of Fire Losses, illustrating by numerous Examples the Practice of the Offices in complicated Average and Non-Average cases; and suggesting means by which the difficulties hitherto experienced in apportioning losses covered by non-current policies may be avoided in the future. *London*, 1870, *O.*, *pp.* 117.

1062. **Howell (Thomas)**: Fire Insurance from an Assessor's Point of View. *Birmingham*, 1893–4, *not paged.*

1063. **Insurance Monitor** *(continued on next page)*:
Building in Course of Construction; Whose Loss is it? *Vol. XXV. p.* 584.

1063. **Insurance Monitor** *(concluded)*:
Cost of Buildings per cubic foot. *Vol. XLV. p.* 489.
Falling Walls; Damage from. *Vol. XXV. pp.* 391, 444.
Family Wearing Apparel, What does it consist of? *Vol. XXIV. p.* 480.
Waiver in attempting to Adjust a Loss. *Vol. XXVI. p.* 349.
Warranty of Occupancy throughout the year. *Vol. XXIV. p.* 480.

1064. **Kent (Henry T.)**: Warranty *vs.* Representation. *Northwest*, 1890, *p.* 69.

1065. **Kinne (C. M.)**: Apportionment of Loss under the Kinne Rule as recommended by resolutions of the Association. *Pacific*, 1886, *p.* 112.

1066. ——: Apportionment of Loss under Non-Concurrent Policies. *Pacific*, 1884, *p.* 61.

1067. **Laird (John)**: The Average Conditions and Independent Liability. *Glasgow*, *Second Series*, *p.* 311.

1068. **Lowden (W. H.)**: Adjustment of Book Losses. *Pacific*, 1887, *p.* 89.

1069. ——: Hints on Book Losses. *San Francisco*, 1887, *O.*, *pp.* 14.

1070. ——: The Measure of Manufacturer's Damage. *Pacific*, 1891, *p.* 144.

1071. ——: What to do When the Books are Burned. *Pacific*, 1890, *p.* 81.

1072. **Lucas (W. P.)**: The Special Agents' and Adjusters' Companion. (Manuscript Index compiled by the Insurance Library Association.) *Oil City*, *Pa.*, 1897, *Nar. O.*, *pp.* 81.

1073. **Lye (Henry)**: Adjustment of Fire Losses. *Scrap Book*, *p.* 22.

1102. **Spaulding (A. W.):** Adjustment of Losses. *Northwest*, 1876, *p.* 22.

1103. ——: Depreciation to Buildings. *Northwest*, 1879, *p.* 124.

1104. **Swett (Frank H.):** Insurable Interest. *Pacific*, 1894, *p.* 26.

1105. **Thomas (W. P.):** Losses and Adjustments. *Pacific*, 1886, *p.* 63.

1106. **Thompson (F. A.):** Depreciation. *Northwest*, 1896, *p.* 158.

1107. **Tiffany (H. S.):** Special Agents' and Adjusters' Assistant; containing numerous citations to the Law of Insurance and other valuable Statistics and References, together with Tiffany's Digest of Depreciations. Ninth edition. *Chicago*, 1887, *Nar. O.*, *pp.* 437.

1108. **Van Voorhis (William H.):** Decision as Referee in Van Heusen & Charles *vs.* International Insurance Company *et al.* having non-concurrent policies. *New York*, 1869, *Pamphlet O.*, *pp.* 4. Bound Pamphlets, Vol. V.

1109. **Vigeon (Harry):** Depreciations; a Paper read before the meeting of the Institute of Chartered Accountants of Ontario, 1895. *Scrap Book*, *p.* 40*a*.

1110. **Waters (A. J.):** Adjustment of Fire Losses on Buildings; a Handbook for the use of Adjusters, Insurance Agents, and Builders. *New York*, 1879, *D.*, *pp.* 255.

1111. ——: Adjustment of Fire Losses on Buildings. *Northwest*, 1878, *p.* 80.

1112. ——: Machinery in Special Hazards; Cost and Depreciation. *Northwest*, 1879, *p.* 16.

1113. ——: Salvage, a Posthumous Compilation of Essays and Sketches on Fire Insurance. *New York*, 1882, *O.*, *pp.* 164.

1114. **Waters (A. J.)**: The Special Agent, His Duties, Methods of Performing Them, and What He Should Be. (Chronicle Prize Essay, signed "Iron Gray"; Honorable Mention.) *Northwest*, 1881, *p.* 162.

1115. **Welch (J. St. Vincent)**: Reinstatement when Insurance is not sufficient to complete building. *Wales, Record* 30.

1116. **Wetzlar (Alexander J.)**: Adjusters and Appraisers. *Pacific*, 1891, *p.* 91.

1117. ——: Attachments or Garnishments before Proofs of Loss are made. *Pacific*, 1892, *p.* 135.

1118. ——: Losses and Adjustments. *Pacific*, 1886, *p.* 73.

1119. **Wilson (J. O.)**: The Adjuster. *Northwest*, 1875, *p.* 82.

1120. **Winne (Peter)**: Attachment and Garnishment before Proofs of Loss. *Pacific*, 1891, *p.* 14.

1121. ——: Waiver and Estoppel. *Pacific*, 1885, *p.* 44.

1122. **Wright (G. Alexander)**: Estimating the Cost of Modern Buildings. *Pacific*, 1897, *p.* 113.

Agents' Text Books

Including Instruction Books from Companies.

1123. **Affeld (F. O., Jr.):** Index to Massachusetts Standard Fire Insurance Policy, and also to the Standard Fire Insurance Policies of Maine and Minnesota. *Boston*, 1896, *Nar. O.*, *pp.* 7.

1124. ——: Index to New York Standard Fire Insurance Policy, and also to the Standard Fire Insurance Policies of Connecticut, Michigan, New Jersey, North Carolina, North and South Dakota, and Rhode Island. *Brooklyn*, 1896, *Nar. O.*, *pp.* 5.

1125. **Aetna Insurance Company:** Guide to Fire Insurance for the Representatives of the Ætna Insurance Company. *Cincinnati*, 1867, *O.*, *pp.* 529.

1126. **Amazon Insurance Company:** Suggestions for the benefit of People who insure property. *Cincinnati*, 1874, *Pamphlet T.*, *pp.* 38. Bound Pamphlets, Vol. X.

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1461. **South-Eastern Tariff Association.** Organized 1882 to maintain local boards, enforce adequate rates, and inculcate sound principles of underwriting. Composed of fire insurance Companies pledged by their representatives. Proceedings 1882 to 1898 inclusive; complete in two Volumes O.

1462. **Texas: Association of Fire Underwriters for Texas.** Organized 1882 to maintain local boards, adequate rates, and to promulgate and enforce sound principles in underwriting. Composed of Officers and Field men of Companies doing business in Texas. Proceedings 1882.

1463. **Virginia: State Board of Underwriters of Virginia.** Organized in 1879 as the Underwriters' Association of Virginia, and name changed as above in 1882. Composed of Officers, State agents, and Special agents; object, to maintain rates and promote harmony. Executive Committee addresses for 1881 and 1882; and Proceedings of Annual Meeting, 1884.

LOCAL AGENTS.

1464. **Alabama: Underwriters' Association of the State of Alabama.** Organized 1878; composed of Local agents. Proceedings for 1878.

1465. **Georgia: Underwriters' Association of the State of Georgia.** Organized 1878; composed of Local agents. Proceedings for 1878.

1466. **Iowa State Association of Underwriters:** Organized 1878. Composed of Local agents. Proceedings for 1878.

1467. **Minnesota Association of Local Underwriters:** Organized 1878. Composed of Local agents. Proceedings for 1879.

1468. **New York State Association of Local Boards of Fire Underwriters:** Organized 1883. Proceedings of Second Annual Meeting, 1884. A new organization bearing same name was effected in 1893. Proceedings for 1894, 1895, 1896 (none printed in 1897), 1898.

1469. **Philadelphia: Association of Fire Underwriters of Philadelphia.** Organized 1872. Reports for 1875, 1876.

1470. **Philadelphia Fire Underwriters' Association:** Organized 1883. Reports for 1884 to 1898, inclusive.

1471. **South Carolina: Underwriters' Association of the State of South Carolina.** Organized 1878; composed of Local agents. Proceedings for 1878.

1472. **Texas Fire Underwriters' Association:** Organized 1878; composed of Local agents. Proceedings for 1879.

FOREIGN.

1473. **Birmingham Insurance Institute:** Established 1887. Transactions 1893–4 to 1897–8, inclusive, in one Volume O.

1474. **Bristol: Insurance Institute of Bristol.** Established 1891. Transactions not regularly published. We have Papers read in 1892, 1893, and 1896; all that have been printed.

1475. **Edinburgh: Actuarial Society of Edinburgh.** Established 1859. Papers read previous to 1878 are out of print. Since that year Transactions have been published in a uniform series, which we have complete in four Volumes O.

1476. **Federation of Insurance Institutes of Great Britain and Ireland:** Established 1897. Object, to further by co-operation the efficiency of the official workers in the insurance business. Publishes annually a Journal, containing papers chosen from among those read before the various Institutes. Report of the initial Conference, 1897, and Journal for 1898.

1477. **Glasgow: Insurance and Actuarial Society of Glasgow.** Established 1881. Transactions from 1881 to 1898, inclusive; complete in four Volumes O.

1478. **Ireland: Insurance Institute of Ireland.** Established 1885. Reports for 1892–3, 1895–6, 1896–7.

1479. **Manchester: Insurance Association of Manchester.** Established 1883 as an Institute for Juniors. Reports for 1895–6 and 1896–7; only ones published.

1480. **——: Insurance Institute of Manchester.** Established 1873. Reports from 1874–75 to 1896–97, inclusive; complete in four Volumes O.

1481. **Newcastle-on-Tyne: Insurance Institute of Newcastle-on-Tyne.** Established 1896. Reports for 1896–97 and 1897–98.

1482. **New South Wales: Insurance Institute of New South Wales.** Established 1884. Journal from 1884 to 1898 inclusive, covering 95 numbers of the Record (except Nos. 1, 3, and 5), in three Volumes O. (For the missing numbers see Australasian Insurance and Banking Record, Vols. VIII. and IX.)

1483. **Norwich Insurance Institute:** Founded 1886. Reports 1888 to 1897–8, inclusive; complete in three Volumes O.

1484. **Victoria: Insurance Institute of Victoria.** Established 1884. Reports 1884 to 1897, inclusive; complete in five Volumes O.

1485. **Yorkshire: Insurance Institute of Yorkshire.** Established, 1888. Reports for 1889–1890 to 1896–97, inclusive, in three Volumes O.

Fires, Firemen and Fire Departments

(See also Buildings, Building Departments and Building Laws.)

1486. **Abbott (Samuel):** History and By-Laws of the Boston Veteran Firemen's Association, from 1833 to 1898. *Boston*, 1898, *S.*, *pp.* 80.

1487. ——: Prominent Fires in Boston since 1630. *Scrap Book*, *p.* 57.

1488. ——: Should the Chief of Department Investigate the cause of all Fires; the Importance of a Fire Marshal in the Cities and what Shall Be his Duties? *Massachusetts*, 1883, *p.* 85.

1489. **American Exchange and Review:** Losses of Companies in the Great Chicago Fire, 1871. *Extra No.* 8, *Vol. XX. p.* 132*a*.

1490. **Atkinson (Edward):** The Fire Engineer, the Architect and the Underwriter. *Engineers*, 1880, *p.* 38.

1491. **Baker (Ray Stannard):** A Story of the Fire Patrol. *McClure's Magazine*, *November*, 1898, *p.* 19.

1492. **Bagshaw (E.):** Fire Extinguishing Expenses; by whom should they be paid? *Yorkshire*, 1889–90, *p.* 23.

1493. **Baudoin (L. M.):** Fire Departments and Firemen, from Mythological, Historical and Scientific Standpoints. *Massachusetts*, 1895, *p.* 20.

1494. ——: Synoptic History of Insurance and Protective Departments. *Massachusetts*, 1896, *p.* 41.

1495. **Bird (Joseph):** Protection against Fire, and the Best Means of Putting Out Fires in Cities, Towns and Villages; with Practical Suggestions for the Security of Life and Property. *Cambridge, Mass.*, 1873, *D.*, *pp.* 278.

1496. **Blackburn (A. W.):** Sworn Testimony of the Witnesses Examined by Fire Marshal Blackburn in Reference to the Causes of the Fire at Patterson's Bonded Warehouse. *Philadelphia*, 1869, *Pamphlet O.*, *pp.* 120.

1497. **Blashill (Thomas):** Lessons from Fire and Panic. *London*, 1898, *Pamphlet O.*, *pp.* 31. British, Vol. I. No. 9.

1498. **Bonner (Hugh):** The New York Fire Department. *London*, 1898, *Pamphlet O.*, *pp.* 25. British, Vol. I. No. 5.

1499. **Boston's Big Fires:** The Fire Record of Two Hundred and Fifty Years, with a Chronological List of large fires from 1630 to 1872. *Scrap Book*, *p.* 7.

1500. **Boston Fire Department Reports:** Made annually from 1838 to 1872, inclusive, by the Chief Engineer. In 1873 a Board of Fire Commissioners was established whose first report is dated 1874. Reports 1838, 1839, 1841; 1845 to 1855, inclusive; and 1857 to 1898, inclusive.

1501. **Boston Fire Marshal's Reports.** Office of Fire Marshal of the City of Boston created 1886. Reports made annually, beginning in 1887, and yearly thereafter until 1894, when the office was merged into the newly created one of State Fire Marshal. Reports for 1887 to 1893, inclusive; complete. (See Massachusetts State Fire Marshal's Reports.)

1502. **Boston's Great Fire in 1872.** Report of the Commissioners appointed to Investigate the Cause and Management of the Great Fire in Boston. *Boston*, 1873, *O.*, *pp.* 662.

1503. **Boston Herald:** The Great Boston Fire of 1872; 20th Anniversary. Illustrated. *Scrap Book, p.* 11.

1504. **Boston Manufacturers' Mutual Publications:**
Bartlett Steam Mill, Destruction of. *Vol. I. p.* 97.
Conflagrations in Large Cities, Prevention of. *Vol. I. p.* 121.
Kearsarge Mills, Destruction of. *Vol. I. p.* 50.
Protection from Fires in Cities. *Vol. I. p.* 73.

1505. **Boston Transcript:** Fire Marshal's Jurisdiction. *Scrap Book, p.* 45.

1506. **Boston Traveler:** History of Insurance Losses in the Great Cities. A Century of Enterprise and an Estimate of its Results. *Scrap Book, p.* 51.

1507. **Boston Wire Department Reports.** Department organized 1894 under charge of a Commissioner of Wires, who makes an annual report. Reports for 1894 to 1897, inclusive; complete.

1508. **Brayley (A. W.):** Complete History of Boston Fire Department, including the Fire Alarm Service and Protective Department, from 1630 to 1888. *Boston*, 1889, *O., pp.* 724.

1509. **Brentano (Simon):** A School of Fire Extinguishment. *Engineers*, 1893, *p.* 41.

1510. **Brophy (William):** The Dangers of Showing Pictures by the Vitascope and other like machines. *Engineers*, 1898, *p.* 51.

1511. **Builder:** The Lessons of the Paris Fire. *May* 8, 1897, *p.* 411.

1512. **Carleton:** The Story of the Great Fire in 1872. *Boston*, 1873, *D., pp.* 32.

1513. **Carpenter (E. W.):** California Conflagrations Climatically Considered. *Pacific*, 1891, *p.* 139.

1514. **Cherry (Rodney):** A Plea for our Volunteer Fire Brigades. *Victoria*, 1887, *p.* 37.

1515. **Chicago's Great Fire:** Losses by Companies, Home and Foreign. Special Report of the Massachusetts Insurance Commissioner. *Boston*, 1871, *Pamphlet O.*, *pp.* 15.

1516. **Chicago Relief and Aid Society:** Report of Disbursements for the Sufferers by the Chicago Fire. *Cambridge*, 1874, *Q.*, *pp.* 440.

1517. **City Government:** Fire Department Hospital and Training Stables. *June*, 1897, *p.* 177.

1518. **Coast Review:** London's Great Fire in 1666. *Vol. LI. p.* 293.

1519. **Conwell (Russell H.):** History of Boston's Great Fire in 1872. *Boston*, 1873, *D.*, *pp.* 312.

1520. ——: History of the Great Fire in St. John, N. B., 1877. *Boston*, 1877, *D.*, *pp.* 359.

1521. **Crellin (William):** Fire Brigade Organization. *Victoria*, 1888, *p.* 92.

1522. **Dana (David D.):** The Fireman. The Fire Departments of the United States, with a full account of all Large Fires, Statistics of Losses and Expenses, Theatres Destroyed by Fire, and Accidents, Anecdotes and Incidents. Second edition. *Boston*, 1858, *D.*, *pp.* 367.

1523. **Dixon (G. K.):** Salvage Corps. *Birmingham*, 1895–6, *p.* 45.

1524. **Donnell (E. D.):** Can a Fire Department be Made more Efficient by the Introduction of Rubber Covers to Protect the Contents of Buildings? *Massachusetts*, 1883, *p.* 101.

1525. **Dresser (L. M.):** Fire Department and Water Supply. *Northwest*, 1876, *p.* 65.

1526. **Easterbrook (H. H.):** Statute Laws of Massachusetts Relating to the Fire Service. *Boston*, 1896, *D.*, *pp.* 85.

1527. ——: Statute Laws of New York State Relating to the Fire Service. *Boston*, 1898, *D.*, *pp.* 100.

1528. **Eastman (Samuel):** A Treatise on the Importance of the Best Hose to the Fire Service of the Country. *Concord*, 1883, *Pamphlet O.*, *pp.* 30. Bound Pamphlets, Vol. IV.

1529. **Engineering:** The Fire at the Paris Charity Bazaar. *May* 14, 1897, *p.* 643.

1530. **Fighting Fire:** The Great Fires of History, including Chicago, Boston, Portland, New York, etc. Causes of Fire and How to Prevent Them. *Hartford*, 1873, *O.*, *pp.* 716.

1531. **Fire and Water:**
Fire Department of New York. *October* 9, 1897, *p.* 373.
Fire Service of London. *December* 4, 1897, *p.* 435.
London and its Great Fire in 1897. *November* 27, 1897, *p.* 428.
Nassau Street Fire (New York). *February* 19, 1898, *p.* 57.

1532. **Folger (Herbert):** Large Fires in American Cities. *Pacific*, 1895, *p.* 70.

1533. **Freeman (John R.):** Flow of Water in Fire Hose. *Boston*, 1890, *Pamphlet O.*, *pp.* 41. Bound Pamphlets, Vol. IV.

1534. **Gerhard (William Paul):** Theatre Fire Catastrophes and Their Prevention. *Engineers*, 1894, *p.* 32.

1535. **Glassford (Henry A.):** Means and Appliances of Extinguishing Fires. *Northwest*, 1878, *p.* 164.

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1537. **Goodspeed (E. J.):** History of the Great Fires in Chicago and the West. *New York*, 1871, *O.*, *pp.*, 676.

1538. **Hale (George C.):** At what Temperature will Water, when applied in given quantities, be Transformed into Steam or Gas and thus Aid Combustion, and what Conditions should Govern the Size and Pressure of Streams used by Firemen in Fighting Fires? *Engineers*, 1898, *p.* 34.

1539. **Harvie (R. B.):** Fire Drill in Schoolhouses. The Best Methods to be Adopted to Notify Teachers in Case of Fire, and System of Vacating the Building with expedition. *Massachusetts*, 1890, *p.* 92.

1540. **Hewitt (Charles A.):** The Great Chicago Fire of 1871. *Northwest*, 1891, *p.* 184.

1541. **Hill (Charles T.):** Fighting a Fire. *New York*, 1897, *D.*, *pp.*, 246.

1542. **Hoch (E. S.):** Quarter Centennial of the Chicago Fire. *Scrap Book*, *p.* 39.

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1544. **Howes (Osborne, Jr.):** Fire Departments and Fire Insurance Companies; their Relative Position to the Public. Are the Interests of Insurance Companies conducive to the benefit of the others? *Massachusetts*, 1890, *p.* 36.

1545. **Investigator:** The Great Fires in Chicago and Boston Compared, showing Amounts Paid by various Companies Specifically in each, from Data Furnished by the Companies. *Vol. VIII. No.* 12, *December*, 1879, *p.* 428.

1546. **Knowles (Clarence):** The relations existing between Fire Underwriters and Fire Departments. *Engineers*, 1887, *p.* 29.

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1549. **Lincoln (Allen B.):** History of all the Fire Companies ever Formed in Windham, Connecticut, together with a Sketch of Willimantic Water Works. *Willimantic*, 1885, *Pamphlet O.*, *pp.* 8. Bound Pamphlets, Vol. X.

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1552. **Lynch (Thomas E.):** History of the Fall River Fire Department. *Fall River*, 1896, *O.*, *pp.* 168.

1553. **McDevitt (William):** Are Burning Buildings Converted into Gas Retorts? *Engineers*, 1898, *p.* 49.

1554. **Maine State Firemen's Association Reports.** First convention held 1897. Report, 1897.

1555. **Massachusetts Charitable Fire Society.** (For sketch of its history, and list of reports on hand, see Historical.)

1556. **Massachusetts State Fire Marshal's Reports.** Office created 1894; reports made annually thereafter. Reports 1895 to 1898, inclusive; complete. (See Boston Fire Marshal's Reports.)

1557. **Massachusetts State Firemen's Association.** First convention held in 1881, and annually thereafter. Reports for 1881 to 1897, inclusive; complete.

1558. **Miller (Leonard):** Charges for the Attendance of Fire Brigades at Fires. *Birmingham*, 1893–4, *not paged.*

1559. **Minnesota Chief Fire Warden's Reports on Preservation of Forests from Fire.** Reports for 1895, 1896, and 1897; complete.

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1561. ——: Foreign Methods of Extinguishing Fires. *Massachusetts*, 1890, *p.* 30.

1562. **National Association of Fire Engineers Proceedings.** First convention held in 1873, and annually since. Proceedings 1873–1897, inclusive; complete. Also Reprint of Proceedings of the first Twenty Conventions (1873 to 1893, inclusive), in one volume. *Chicago*, 1892, *Q.*, *pp.* 246.

1563. **New York City Fire Department:** A Compilation of the Laws of the State of New York and of the Ordinances of the City of New York, relating to the Fire Department of the City of New York, from 1812 to 1860. *New York*, 1859, *O.*, *pp.* 582.

1564. **New York City Fire Department Reports.** Department incorporated 1798. Reports for 1882, 1883, 1885, and 1886.

1565. **New York City Fire Marshal's Reports.** Office created in 1854, and abolished in 1860. Semi-annual reports from 1854 to 1860, inclusive; complete.

1566. **Noverre (C. E.):** London Salvage Corps. *Norwich*, 1896–7, *p.* 40.

1567. **Patterson (William):** Fire Extinction. *Glasgow*, *Second Series*, *p.* 221.

1568. **Pittsfield:** Fire Service of Pittsfield, Mass. A Souvenir Containing an Account of the Service from Leatherbucket Times to the Present Fire Department. *Pittsfield*, 1890, *Pamphlet O.*, *pp.* 43. Bound Pamphlets, Vol. XI.

1569. **Pollitt (George W.):** The Great Fires of Ancient and Modern Times. *Engineers*, 1888, *p.* 37.

1570. **Purcell (Thomas P.):** European and American Fire Systems. *City Government*, *March*, 1897, *p.* 82.

1571. **Purroy (H. D.):** English and American Fire Services. *Forum*, *November*, 1886, *p.* 299.

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1573. **Riis (Jacob A.):** Heroes Who Fight Fire. *Century Magazine*, *February*, 1898. *Scrap Book*, *p.* 11.

1574. **Roswell (W. H.):** Should Fire Insurance Companies be Taxed for the Support of Fire Brigades? *Wales*, *Record* 31.

1575. **Sachs (E. O.):** The Paris Charity Bazaar Fire. *London*, 1897, *Pamphlet O.*, *pp.* 52. British, Vol. I. No. 3.

1576. **Sexton (William):** Fire Department and Water Supply. Protection *vs.* Indemnity; the Value to Insurance Companies of Fire Patrols. *Pacific*, 1883, *p.* 63.

1577. **Shaw (Eyre M.):** Fire Department and Water Supply. *Northwest*, 1882, *pp.* 155, 158.

1578. ——: Fires and Fire Brigades. Fourth edition. *London*, 1889, *O.*, *pp.* 118.

1579. ——: Fire Protection, a Complete Manual of the Organization, Machinery, Discipline and General Working of the Fire Brigade of London. 1890, *O.*, *pp.* 348.

1580. ——: Operations of London Fire Brigade. *Engineers*, 1882, *p.* 40.

1581. **Shaw (Eyre M.)**: Records of the late London Fire Engine Establishment. *London*, 1870, *Folio*, *pp.* 64.

1582. **Sheahan (James W.) and Upton (George P.)**: History of the Great (Chicago) Conflagration. *Chicago*, 1872, *O.*, *pp.* 527.

1583. **Simonds (J. Sexton)**: Fires in London, and the Metropolitan Fire Brigade in the year 1891. *Journal of the Royal Statistical Society*, *March*, *1892*. Bound Pamphlets, Vol. VII.

1584. **Smith (Thomas E.)**: Best Methods of Fighting Fires in Coal Docks. *Engineers*, 1892, *p.* 20.

1585. ——: How to Extinguish an Oil Fire in a Cellar. *Engineers*, 1894, *p.* 132.

1586. **Spears (John K.)**: Modern Fire Apparatus. *Scribner's*, *January*, 1891.

1587. **Spencer (John G.)**: The Service and Economy of Fire Patrols or Salvage Corps in Small Cities. *Engineers*, 1894, *p.* 159.

1588. **Statham (H. Heathcote)**: The Paris Fire and the Building of Temporary Structures. *Engineering Magazine*, *July*, 1897, *p.* 504.

1589. **Street Railway Review**: Fire Protection for Street Railways. *May* 15, 1897, *p.* 305.

1590. **Stetson (F. L.)**: The Best and Safest Plan for Fighting Fires in Grain Elevators. *Engineers*, 1896, *p.* 16.

1591. **Stewart (George, Jr.)**: The Story of the Great Fire of St. John, N. B. *Toronto*, 1877, *D.*, *pp.* 270.

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1593. **Thompson (Clifford)**: Fire Extinguishment. *Massachusetts*, 1881, *p.* 7.

1594. **Vance (J. P.):** Fire Departments and Water Supply. *Northwest*, 1878, *p.* 44.

1595. **Walford (Cornelius):** Great Fires of the World. *American Exchange and Review*, *Vol. XXX. p.* 144.

1596. **Waterworth (J. W.):** The Annual Fire Waste and What are we Going To Do about it? *Engineers*, 1888, *p.* 18.

1597. **Wilkinson (W.):** Minnesota Forest Fires in the year 1894, with a Chapter on the Forest Fires in Wisconsin. *Minneapolis*, 1895, *O.*, *pp.* 479.

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1599. **Woodbury (C. J. H.):** Conflagrations in Cities. *Southern Insurance Directory*, 1891, *p.* 206.

1600. **Yarrington (Andrew):** London in the Time of Fire Bucket and Powder Can. (Reprint of article written in 1677.) *Boston Traveler*, *August* 25, 1897. *Scrap Book*, *p.* 49.

1601. **Young (C. F. T.):** Fires, Fire Engines and Fire Brigades, with a History of Manual and Steam Fire Engines, their Construction, Use and Management; Remarks on Fire Proof Buildings, and the Preservation of Life from fire; Statistics of the Fire Appliances in English Towns; Foreign Fire Systems; Hints for the Formation of, and Rules for, Fire Brigades; and an Account of American Steam Fire Engines. *London*, 1886, *O.*, *pp.* 514.

Fire Patrols, Salvage Corps and Protective Departments

1602. **Association of Superintendents and Captains of Fire Patrols, Salvage Corps and Protective Associations of the United States.** Organized 1892. Reports for 1892 to 1898, inclusive; complete.

1603. **Albany (N. Y.) Protectives.** Incorporated 1873. Reports for 1875, 1876, 1883 and 1898.

1604. **Auckland (New Zealand) Fire Insurance Association.** Report for 1893.

1605. **Baltimore (Md.) Fire Insurance Salvage Corps.** Organized 1873. Reports for 1876 (first published), 1881, 1882, 1884, and 1886 to 1897, inclusive.

1606. **Boston Protective Department.** Organized 1874. Reports for 1875 to 1898, inclusive; complete.

1607. **Chicago Fire Insurance Patrol.** Organized 1871. Reports for 1877 to 1897, inclusive.

1608. **Kansas City (Mo.) Insurance Fire Patrol.** Organized 1889. Reports for 1890 to 1897, inclusive; complete.

1609. **Louisville (Ky.) Salvage Corps.** Organized 1888. Reports for 1890, and 1893 to 1897, inclusive.

1610. **Milwaukee (Wis.) Fire Insurance Patrol.** Organized 1887. Reports for 1892 and 1893.

1611. **Newark (N. J.) Underwriters' Protective Association (Salvage Corps).** Organized 1879. Reports for 1880 to 1898, inclusive; complete.

1612. **New York Fire Patrol.** Chartered 1867. Reports for 1870 to 1897, inclusive.

1613. **Philadelphia Fire Insurance Patrol.** Organized 1870. Reports for 1878, and 1880 to 1897, inclusive.

1614. **Providence Protective Department.** Chartered 1876. Reports for 1877 to 1884, inclusive, and 1890 to 1896, inclusive.

1615. **San Francisco Underwriters' Fire Patrol.** Organized 1875. Reports for 1876 to 1897, inclusive; complete.

1616. **St. Louis Underwriters' Salvage Corps.** Organized 1875. Reports for 1878, 1882, 1884 to 1888, inclusive, 1890, 1892 to 1898, inclusive.

1617. **Worcester (Mass.) Protective Department.** Organized 1883. Reports for 1884 to 1898, inclusive; complete.

Fire-Preventing Devices and Automatic Protection

(Including Chemical Extinguishers, Hand Grenades, Pumps, Sprinklers and Thermostats.)

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Automatic Sprinklers. *Vol. XXXII. p.* 114.
Fires, Prevention and Repression of. *Vol. XXXI. p.* 167.
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1620. ——: Roof Hydrants. *Engineers*, 1891, *p.* 83.

1621. **Automatic Sprinklers and Electric Thermostats.** Mackey System. *Syracuse*, 1887, *Pamphlet O., pp.* 20. Bound Pamphlets, Vol. IV.

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1623. **Blauvelt (Albert):** Limitations and Use of Water for Fire Extinguishing. *Protection*, 1897, *p.* 46.

1624. **Blauvelt (Arthur):** Improved Risks. *Northwest*, 1896, *p.* 20.

1625. **Boston Manufacturers' Mutual Publications** *(continued on next page)*:
Automatic Sprinklers; Everywhere? When? *Vol. III. p.* 143.
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1625. **Boston Manf. Mutual Publications** *(concluded)*:

Fire Apparatus, Questions upon. *Vol. III. p.* 68.

Fire Apparatus in Chief; Pumps, Pipes, Hydrants and Hose, Standard for. *Vol. III. p.* 93.

Fire Hose and Trials of. *Vol. I. p.* 59.

Fire Hose, Couplings and Nozzles; Brands Recommended. *Vol. III. p.* 126.

Fire Pails. *Vol. II. p.* 140.

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Mill Fire Department; General Instructions for Organizing. *Vol. I. p.* 44; *Vol. II. p.* 138; *Vol. IV. p.* 20.

Non-Freezing Compounds for Automatic Sprinklers. *Vol. II. p.* 140.

Pump Governors for Steam Fire Pumps, Unreliability of. *Vol. IV. p.* 15.

Report upon Approved Automatic Sprinkler Heads. *Vol. III. p.* 1.

Report upon Automatic Sprinklers. *Vol. III. p.* 99.

Results of Automatic Sprinkler Protection to January 1st, 1889. *Vol. III. p.* 13.

Self-registering System of Automatic Fire Alarm. *Vol. II. p.* 41.

Sprinklers, Pipes, etc. *Vol. I. pp.* 53, 93, 172.

Sprinklers, Automatic, and their Record. *Vol. II. pp.* 41, 53, 108, 136, 167, 187, 189.

Standard of Full Sprinkler Protection. *Vol. III. p.* 18.

Storehouse Protection (without Sprinklers). *Vol. III. p.* 129.

Valves to Automatic Sprinklers. *Vol. III. p.* 39.

1626. **Bourne (R. W.)**: Automatic Sprinklers. *Northwest*, 1890, *p.* 95.

1627. **Brophy (William)**: Fire Alarm Apparatus, General History and Latest Improvements. *Massachusetts*, 1896, *p.* 71.

1628. **Campbell (Donald A.)**: The Present Position of the Sprinkler Question. *Manchester*, 1888–89, *p.* 19.

1629. **Chandler (E. B.)**: The Fire Alarm Telegraph. *Engineers*, 1888, *p.* 111.

1630. **Chase (George F.)**: The Direct Pumping System as a Means of Fire Protection. *Massachusetts*, 1890, *p.* 45.

1631. **Davis (W. S.)**: The Value of the Sprinkler. *Pacific*, 1898, *p.* 70.

1632. **Davol (William C.)**: Automatic Sprinklers. *Engineers*, 1889, *p.* 127.

1633. **Doval (Philip)**: The Fire Killer; A Solution for Rendering Substances Uninflammable. *Engineers*, 1884, *p.* 118.

1634. **Dowson (Ralph)**: The Simplex Automatic Alarm Valve and Alarm. *Manchester*, 1886–87, *p.* 29.

1635. **Flanders (B. S.)**: Dynamo Currents as Applied to Fire Alarms. *Engineers*, 1894, *p.* 88.

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2007. **Connecticut.** Insurance Department established 1865. Annual Reports relating to Fire and Marine Companies, complete from 1866 to 1898, inclusive, in twenty-nine Volumes O. The Commissioners, with terms of service, have been:—

Benjamin Noyes	1865–1871
George S. Miller	1871–1874
John W. Stedman	1874–1880
John W. Brooks	1880–1883
Ephraim Williams	1883–1886
O. R. Fyler	1886–1893
John S. Seymour	1893–
Burton Mansfield	1893–1895
Frederick S. Betts	1895–present incumbent.

2008. **Maine.** Insurance Department established 1868. Annual Reports relating to Fire, Marine and Life Companies, complete from 1869 to 1898, inclusive, in thirty

Volumes O. The Commissioners, with terms of service, have been :—

Albert W. Paine	1868–1873
Joshua Nye	1873–1879
William Philbrick	1879–1880
Joseph B. Peaks	1880–1883
Oramandel Smith	1883–1884
Frank E. Nye	1884–1885
Joseph O. Smith	1885–1893
Stephen W. Carr	1893–present incumbent.

2009. **Massachusetts.** Abstracts of Returns. By Act of 18 April, 1837, the Secretary of the Commonwealth was required to submit to the Legislature annually an Abstract of the Returns made to his office by Fire and Marine Insurance Companies having a specific capital. In 1843 these Abstracts were enlarged to cover Mutual Companies, and continued so to be made until 1855, when a Board of Insurance Commissioners was established. Abstracts complete from 1837 to 1855 in one Volume O., including one published in 1836, published in accordance with a special order of the Legislature that year.

2010. ——. Insurance Department established 1855. Originally in charge of three Commissioners, which number was reduced to two in 1859, and to one in 1866. Reports relating to Fire, Marine and Life Companies from 1855 to 1898, inclusive, complete in seventy-nine Volumes O.; also special volume covering Life Insurance Reports from 1859 to 1865, inclusive, with an Appendix by Elizur Wright. The Commissioners, with terms of service, have been :—

Augustus O. Brewster, Nathaniel K. Allen, Charles L. Putnam . .	1855
Nathaniel K. Allen, John Field, Elihu C. Baker	1856
John Field, Elihu C. Baker, George T. Stearns	1857

Elizur Wright, Geo. W. Sargent . 1858–1866
John E. Sanford 1866–1869
Julius L. Clarke 1870–1874
Stephen H. Rhodes 1875–1879
Julius L. Clarke 1879–1883
John K. Tarbox 1883–1887
George S. Merrill 1887–1897
Frederick L. Cutting . . 1897–present incumbent.

2011. **National Insurance Convention.** Organized 1871; composed of Officials having charge of Insurance Matters in the Various States and Territories. Object, to secure uniformity of action and to promote desirable legislation. Reports complete from 1871 to 1898, inclusive (except 1875 to 1887, which were never printed); fourteen Volumes O.

2011*a*. ——. "Insurance, A Text-book," being a Compilation by William A. Fricke of the Addresses delivered before the Convention at its Meeting in Milwaukee, September, 1898. *New York*, 1899, *Sq. O.*, *pp.* 1092.

2012. **New Hampshire.** Abstracts. By Act 7 July, 1849, the Mutual Fire Insurance Companies of the State were required to make returns to the Secretary of State, who submitted an Abstract of such returns to the Legislature. Abstracts complete for 1850 and 1851, in one Volume O.

2013. ——. Insurance Department established in 1852. Originally in charge of three Commissioners, which number was reduced to two in 1864, and to one in 1870. Reports relating to Fire, Marine and Life Companies complete from 1852 to 1898, inclusive, in seventeen Volumes O. The Commissioners, with terms of service, have been:—

Uri Lamprey, Warren L. Lane,
Charles F. Brooks 1852–1853
Uri Lamprey, Warren L. Lane,
Timothy Hoskins 1853–1854

Warren L. Lane, Uri Lamprey, Timothy Hoskins 1854–1855
Warren L. Lane, Timothy Hoskins, John E. Stanyan 1855–1856
Albert S. Scott, Jacob H. Ela, G. W. Conant 1856–1857
Albert S. Scott, Jacob H. Ela, Lorenzo Day 1857–1859
Oliver C. Fisher, Otis F. R. Waite, Benjamin M. Colby 1859–1862
C. V. Dearborn, G. W. Conant, James Gordon 1862–1864
James Gordon, F. S. Greenleaf . . 1864–1865
F. S. Greenleaf, Joseph Gilman . . 1865–1866
Joseph Gilman, E. M. Topliff, John Felch 1866–1867
E. M. Topliff, John Felch . . . 1867–1868
John Felch, A. B. Wyatt, Francis Winch 1868–1869
A. B. Wyatt, Francis Winch . . . 1869–1870
Oliver Pillsbury (died in office) . . 1870–1888
Henry H. Huse (died in office) . . 1888–1890
John C. Linehan . . . 1890–present incumbent.

2014. **New York State.** Abstracts. In 1828 a Statute was passed requiring all "monied corporations" thereafter created to file annual statements with the Comptroller of State. Companies from other States and from other countries were not before 1849 required to make any annual or other statements, except of premiums received; and it was not until 1864 that *all* insurance companies—Fire, Marine and Life—were required by law to make and file annual statements of their condition and affairs. Neither were the annual reports of New York State companies required to be published in any manner; they were simply to be entered in a book which was required to be open to public inspection. In 1873, however, William

Barnes published abstracts of all the reports that could be found on file from 1831 to 1859, inclusive, which publication we have complete in two Volumes O., *I. pp.* 1042; *II. pp.* 1204.

2015. ——. Comptroller's Reports, covering Reports of Insurance Companies for 1855 to 1859, inclusive, in five Volumes O. Also Special Report to the Comptroller of three Insurance Commissioners appointed to examine into the condition and affairs of the Fire Insurance Companies in New York and Brooklyn in 1856. One Volume O.

2016. ——. Insurance Department established 1860. Annual Reports, covering Fire and Marine Companies, complete from 1860 to 1898, inclusive, in forty-two Volumes O. The Commissioners, with terms of service, have been:—

William Barnes	1860–1870
George W. Miller	1870–1872
George B. Church	1872–1872
Orlow W. Chapman	1872–1876
William Smyth	1876–1877
John F. Smyth	1877–1880
Charles G. Fairman	1880–1883
John A. McCall	1883–1885
Robert A. Maxwell	1886–1891
James F. Pierce	1891–1897
Louis F. Payn	1897–present incumbent.

2017. **Rhode Island.** Abstracts. Insurance matters were placed in charge of three Commissioners in 1856, who made abstracts of the returns of Companies, which abstracts were published from 1859 to 1862, inclusive, and which publications we have, in two Volumes O. The Commissioners for that entire period were John R. Bartlett, William R. Watson, and Samuel A. Parker.

2018. ——. Reports. By Act of 1863 the State Auditor is *ex officio* State Insurance Commissioner. We have Reports relating to Fire and Marine Companies from 1863 to 1898, inclusive, in thirty-seven Volumes O. The Commissioners, with terms of service, have been:—

James C. Collins	1863–1868
James M. Spencer	1868–1882
Samuel H. Cross	1882–1887
Elisha W. Bucklin	1887–1888
Almon K. Goodwin	1888–1889
William C. Townsend	1889–1890
Elisha W. Bucklin	1890–1891
Albert C. Landers . . .	1891–present incumbent.

2019. **Vermont.** Insurance interests of this State are in charge of the Secretary of State and the State Treasurer, jointly acting as Insurance Commissioners *ex officio*. While these officials have so acted since 1852, their first Report was published in 1869; Reports then appeared annually until 1876; no more were published until 1885; since then Reports have been published each year. Reports relating to Fire, Marine and Life Companies, 1868 to 1876, inclusive, 1885 to 1898, inclusive; complete in nine Volumes O. The Insurance Commissioners, *ex officio*, with their terms of service, have been:—

Ferrand F. Merrill, George Howes .	1852–1853
Daniel P. Thompson, John A. Page	1853–1854
Daniel P. Thompson, Henry M. Bates	1854–1855
Charles W. Willard, Henry M. Bates	1855–1857
Benjamin W. Dean, Henry M. Bates	1857–1860
Benjamin W. Dean, John B. Page .	1860–1861
George W. Bailey, Jr., John B. Page	1861–1866
George Nichols, John B. Page . .	1866–1882
George Nichols, William H. Du Bois	1882–1884
Charles W. Porter, William H. Du Bois	1884–1890
Chauncey W. Brownell, Jr., Henry F. Field	1890–present incumbents.

Insurance Dictionaries

2020. **Hare (F. A. C.)**: Fire Insurance Manual. *London*, 1886, *D.*, *pp.* 259.

2021. **Harris (William A.)**: Technical Dictionary of Fire Insurance; being a Practical Commentary combined with a Glossary of Terms used in the Principal Manufacturing Industries. *London*, 1886, *D.*, *pp.* 344.

2022. ——: Technological Dictionary of Insurance Chem istry. A Compendium . . . explaining the various risks to be apprehended from Spontaneous Combustion, Oxidation, Chemical Affinity, Fermentation, Friction, Expansion of Gases, Inflammability of Vapours, Dust Explosions, Steam Heating and Drying, Oils, Fibres, Coal, Cotton and Mixed Cargoes, etc., etc. With Actual Cases Showing where Losses have Occurred; and Miscellaneous Chemical and Physical Information. *London*, 1890, *D.*, *pp.* 407.

2023. ——: Technological Fire Insurance Commentary. *London*, 1894, *D.*, *pp.* 308.

2024. **Walford (Cornelius)**: Insurance Cyclopedia; being a Dictionary of the Definition of Terms used in Connection with the Theory and Practice of Insurance in all its Branches; A Biographical Summary . . .; A Bibliographical Repertory . . .; An Historical Treasury . . .; and Containing a Detailed Account of the Rise and Progress of Insurance in Europe and America. *London*, 1871–1878, *O.*, *Vol. I.*, A–Com, *pp.* 632; *Vol. II.*, Com–Equ, *pp.* 640; *Vol. III.*, Equ–Fir, *pp.* 663; *Vol. IV.*, Fir–Fri, *pp.* 616; *Vol. V.*, Fri–Han, *pp.* 644. Only five volumes published, owing to death of author in 1885.

Insurance Maps, Atlases and Surveys

2025. In its Map Room the Association has 405 separately bound maps, furnished through the courtesy of the Sanborn-Perris Map Company of New York, and covering 88 towns in Maine, 60 in New Hampshire, 50 in Vermont, 127 in Massachusetts, 13 in Rhode Island, and 67 in Connecticut. There are also 20 large bound volumes covering Sanborn-Perris maps of the cities of Bridgeport, Brockton, Chelsea, Fall River, Hartford, Haverhill, Holyoke, Lawrence, Lowell, Lynn, Manchester, New Bedford, New Haven (2 vols.), Pawtucket, Portland, Providence (2 vols.), Springfield, and Worcester. There being a special catalogue in hands of the Librarian of the maps on file, members are referred to that for further information.

2026. **Brookline:** Atlas of the Town of Brookline, Norfolk County, Mass. From Actual Surveys and Official Plans by Geo. W. and Walter S. Bromley, Civil Engineers. *Philadelphia*, 1893, *Sq. F.*, 22 *plates.*

2027. **Cambridge:** Atlas of the City of Cambridge, Mass. From Actual Surveys and Official Plans by Geo. W. and Walter S. Bromley, Civil Engineers. *Philadelphia*, 1894, *Sq. F.*, 32 *plates.*

2028. **Chelsea:** Atlas of the City of Chelsea and the Towns of Revere and Winthrop. From Actual Surveys and Official Plans by Geo. W. and Walter S. Bromley, Civil Engineers. *Philadelphia*, 1888, *Sq. F.*, 18 *plates.*

2029. **Connecticut:** Town and City Atlas of the State of Connecticut. Compiled from Government Surveys, County Records and Personal Investigations. *Boston*, 1893, *Sq. F.*, *pp.* 223.

2030. **Essex County:** Atlas of Essex County, Mass. Compiled from Recent and Actual Surveys and Records under the Direction of George H. Walker & Co. *Boston*, 1884, *Sq. F.*, *pp.* 178.

2031. **Hull:** Atlas of the Town of Hull, Plymouth County, and part of the Jerusalem Road, Norfolk County, Mass. From Actual Surveys and Official Plans. *Boston*, ——, *Sq. F.*, 16 *plates.*

2032. **Malden:** Atlas of the City of Malden, Mass. Compiled from Recent and Actual Surveys and Records and Private Plans of A. F. Sargent, C. E. *Boston*, 1885, *Sq. F.*, *pp.* 151.

2033. **Middlesex County:** Atlas of Middlesex County, Mass. Compiled from Recent and Actual Surveys under the Direction of Geo. H. Walker & Co. *Boston*, 1889, *Sq. F.*, *pp.* 292.

2034. **Norfolk County:** Atlas of Norfolk County, Mass. Compiled from Official Records, Private Plans and Actual Surveys, under the Direction of E. Robinson. *New York*, 1888, *Sq. F.*, 46 *plates.*

2035. **Somerville:** Atlas of the City of Somerville, Mass. From Actual Surveys and Official Plans by Geo. W. and Walter S. Bromley, Civil Engineers. *Philadelphia*, 1895, *Sq. F.*, 25 *plates.*

2036. **Special Insurance Surveys of Manufacturing Risks** in New England; containing Diagrams, Isometrical Views, Descriptions of the Property, Occupation and Practical Working Condition, together with all Matters coming under Observation Affecting the Character of Risks; by C. A. Barlow and J. M. Bancroft, Civil and Mechanical Engineers. Bound in Twenty-four Volumes, Sq. Folio.

Insurance Journals, Magazines and Periodicals

**Indicate that current issues of the magazine are furnished by the courtesy of the publishers.

2037. **Accident Insurance.** A Monthly Journal devoted to Legitimate Accident Underwriting. *Boston; Quarto.* First issue April 25, 1896. Monthly; one volume per year. Vols. I. and II.; complete.**

2038. **Adjuster (The).** *San Francisco, Cal.; Octavo.* First issue May, 1891. Monthly; two volumes per year, except from May, 1892, to April, 1895, inclusive, when one volume per year was issued. Subsequently these four years were counted as representing two volumes each, but Vols. VI., VII., VIII., IX. and X. were never issued. Vols. I. to XVI.; complete.**

2039. **American Exchange and Review (The).** A Journal of Finance, Insurance, Manufactures, Patents, Trade, Commerce, Mining and Railway Intelligence, Art, Joint Stock Corporation Interests, Science, General Information, etc., etc. An Expositor of Social and Economic Science. *Philadelphia; Octavo.* First issue February, 1862. Monthly; two volumes per year until 1876. Form changed to Sq. Folio with issue for January, 1877, and thereafter one volume issued per year; at same date scope of journal restricted to insurance. Vols. I. to LII.; complete.**

2040. **American Life Assurance Magazine and Journal of Actuaries.** *New York; Nar. Octavo.* First issue July, 1859. Numbers issued quarterly and making one volume per annum; publication believed to have been discontinued in 1878. Vols. IV., X., and XIII. to XVII., inclusive.

2041. **Argus (The).** *Chicago; Sq. Folio.* First issue May 1871, under name of *The Insurance Herald;* name changed with issue for May, 1877. Monthly until January, 1888, then fortnightly; one volume per year until end of 1879; beginning with 1880 two volumes per year. Vols. VII. to XLVII., inclusive.**

2042. **Australasian Insurance and Banking Record and Statistical Register (The).** A Monthly Journal of Insurance, Banking and Finance. *Melbourne, Australia; Sq. Quarto.* First issue January, 1877. Monthly; one volume per year. Vols. I. to XXII., inclusive.

2043. **Avalanche (The).** *Philadelphia; Quarto.* First issue October, 1871. Published for three years, when it was changed to *The Observer* (*q. v.*). Monthly; one volume per year; last issue dated December, 1874. Vol. IV.

2044. **Baltimore Underwriter (The).** A Monthly Journal devoted to the Diversified Interests of Insurance; its Principles and Practice, its Legal Bearings and Decisions, and the Record of its Progress; and to the discussion of Financial, Economic, and Sanitary Questions, Vital Statistics, etc. *Baltimore; Sq. Quarto.* First issue July 15, 1865. Monthly; one volume per year. Changed to weekly, and two volumes per year, with issue for January, 1873; changed to semi-monthly with issue for January, 1880, and so remains. Vols. V., VIII., XII., XIX., XX., and XXIII. to LX., inclusive.**

2045. **Black and White.** A Monthly Magazine of Facts for Insurance Policy Investors. *Chicago; Octavo.* First issue October 15, 1890. Monthly; two volumes per year. Vols. I. to XVI., inclusive; complete.**

2046. **Budget (The).** An Insurance Journal. *Toronto; Quarto.* First issue January 15, 1881. Monthly; one volume per year until September, 1893, which was last

number issued, the paper being then merged with another. Continued in form and editorship by *The Bulletin* (*q. v.*). Vols. VIII. to XIII., inclusive.

2047. **Bulletin (The).** An Insurance Journal. *Toronto; Quarto.* First issue December, 1893. Monthly; one volume per year. Vols. I. to VII., inclusive; complete.**

2048. **California Insurance Review and Business Record.** *San Francisco; Sq. Quarto.* First issue 1897.**

2049. **Chronicle (The).** *New York; Sq. Quarto.* First issue dated January 4, 1866, at Chicago, and called *Banking and Insurance Chronicle;* name changed to *Insurance Chronicle* with issue for March 19, 1868; changed to *The Chronicle* with issue for December 3, 1868. Weekly; two volumes per year; first four volumes Sq. Folio, after which present size established. First issue at New York dated August 15, 1872. Vols. III. to LXII., inclusive.**

2050. **Coast Review (The).** *San Francisco; Octavo.* First issued September 15, 1871, as a newspaper in size; changed to Quarto with Volume II., and so continued until present size established in April, 1874. Monthly; two volumes per year until 1877, inclusive; one volume per year from 1878 to 1888, inclusive; (Vols. XXIV. to XXXVI., inclusive, never issued); two volumes per year from 1889 to 1894, inclusive; one volume per year in 1895 and 1896; two volumes per year in 1897 and 1898. Vols. VI. to LIV., inclusive.**

2051. **Echo (The).** A Monthly Journal devoted to the Interests of Fire, Life, Accident, Surety, Marine, Tornado and Steam Boiler Insurance, and Banking, Savings, Trust, Guaranty, Safe Deposit, Indemnity, Mortgage, Investment, Loan and Building Institutions. *Philadelphia; Sq. Quarto.* First issue September, 1890. Monthly; one

volume per year. Issued for three years, then name changed to *The Insurance Advocate (q. v.)*, and place of publication changed to New York. Vol. I.

2052. **Flash Lights.** A Journal devoted to the Interests of all Classes of Insurance. *Atlanta; Sq. Quarto.* First issue February, 1898. Monthly first six months; semi-monthly since. Two volumes per year.**

2053. **Fraternal Monitor (The).** *Rochester, N. Y.; Sq. Folio.* First issue August 1, 1890. Monthly; one volume per year. Vols. I., II., and V. to VIII., inclusive.**

2054. **Guardian (The).** In the Interest of the People Against Monopoly. *Boston; Sq. Quarto.* First issue June 15, 1883. Semi-monthly; two volumes per year. Vols. II. to VII., inclusive; X. to XIV., inclusive; XVII., XXVIII., XXIX., XXX., XXXVII. to XLV., inclusive.**

2055. **Index (The).** An International Review of Insurance, Trade and Finance. *London; Sq. Quarto.* First issue (Second Series), April, 1885. Monthly; one volume per year. Vols. V., VI., VII., IX. to XIII., inclusive.**

2056. **Indicator and National Journal of Insurance (The).** A Monthly Journal Published in the Interests of the Insurance Business. *Detroit, Mich.; Sq. Folio.* First issue May, 1882. Monthly until end of 1893; after that semi-monthly. One volume per year until end of 1892; two volumes per year beginning with 1893. Called *The Indicator* until end of 1896, after which present name adopted. Vols. I. to XXIII., inclusive; complete.**

2057. **Insurance.** *New York; Folio.* First issue October, 1883. Weekly; two volumes per year. Vols. II. to XXIX., inclusive.

2058. **Insurance Advocate (The).** *Philadelphia and New York; Folio.* First issue January, 1893. Monthly; one volume per year. Begins with Vol. IV., continuing the volume enumeration of *The Insurance Echo*, which this paper succeeded. Vols. IV. to IX., inclusive; complete.**

2059. **Insurance Age.** A Monthly Journal devoted to the Interests of Insurance in all its Branches, the Cultivation of the Arts and Sciences, and Common-Sense Fireside Literature. *New York; Sq. Quarto.* First issue March, 1873. Monthly; one volume per year. Vols. I. to XXVI., inclusive.**

2060. **Insurance and Commercial Magazine.** *New York; Octavo.* First issue, April, 1876, under name of *Insurance Agents' and Brokers' Magazine*, and so continued until August, 1877, inclusive. Present name adopted with issue for September, 1877. Monthly; two volumes per year. Vols. I. to XLV., inclusive; complete.**

2061. **Insurance Critic (The).** A Journal devoted to the Interests of Sound and Legitimate Insurance. *New York; Sq. Quarto.* First issue December, 1874, at Chicago, where publication was continued until end of 1879; first issue at New York, January, 1880. Monthly; two volumes per year until end of 1876; one volume per year thereafter. Vols. I., II., and V., to XXVI., inclusive.**

2062. **Insurance Economist (The).** Represents Sound Economical Natural Premium Life Assurance divested of all Speculative Features. *New York; Sq. Quarto.* Established September, 1884, under name of *Our Society Journal;* first issue under present name April, 1892. Monthly; one volume per year. Vols. XX., XXI. and XXII.**

2063. **Insurance and Finance Chronicle.** *Montreal; Quarto.* First issue January 15, 1881, under the name of *Insurance Society*, which continued until end of 1885. In January, 1886, the name was changed to *Insurance Society and Finance Chronicle*, and in February, 1886, to present name. Monthly; one volume per year. Vols. I. to XVIII., inclusive; complete.**

2064. **Insurance Herald (The).** Published in the Interest of all Insurance. *Louisville; Folio.* First issue, May, 1888. Monthly, until April, 1891, inclusive; weekly beginning with issue for May 7, 1891. One volume per year until end of 1892; thereafter two volumes per year. Vols. I. to XVII., inclusive.

2065. **Insurance Index (The).** *Boston; Sq. Quarto.* First issue January, 1872, at Cincinnati; changed to *The Index* with issue for March, 1873; removed to Boston with issue for June, 1873. Monthly; one volume per year. Last number issued August, 1882; continued thereafter as *The Standard (q. v.).* Vols. II. to XI., inclusive.

2066. **Insurance Intelligencer.** Devoted to Insurance, Commerce, Finance, Science and General Miscellany. *Philadelphia; Sq. Quarto.* First issue January 31, 1857; semi-monthly until January 15, 1858, inclusive; after that monthly until end of 1858; then semi-monthly until end of 1859; then monthly during 1860; and weekly during 1861. One volume per year. Vols. I. to V., inclusive.

2067. **Insurance Journal (The).** A Review of the Insurance Business. *Hartford; Sq. Quarto.* First issue January, 1873. Monthly. Size changed with issue for February, 1880, to *Octavo* and so continued until January, 1895, inclusive. With issue for February, 1895, size changed back to *Sq. Quarto* and publication made semi-monthly; and with issue for January 7, 1896, publication made weekly, and so continues. One volume per year,

except 1884 and 1895, in each of which two volumes were issued. Vols. I. to XXVIII., inclusive; complete.**

2068. **Insurance and Real Estate Journal.** *New York; Folio.* First issue July, 1862. Weekly; two volumes per year. Published until end of 1885, when name changed to *New York Insurance Journal (q. v.).* Vols. V. to X., inclusive; and XIII. to XXIV., inclusive; all except VI. and XVI. more or less incomplete.

2069. **Insurance Law Journal.** *New York; Octavo.* First issue September, 1871. All issues since on file. For more particular description, see Law.

2070. **Insurance Magazine (The).** *Kansas City.* Begun as *The Insurance and Investors Magazine*, in 1891. *Sq. Folio.* Monthly; two volumes per year. Vols. IV. to VII., inclusive; and XV.**

2071. **Insurance Monitor and Wall Street Review (The).** *New York; Sq. Quarto.* First issue March, 1853. *Wall Street Review* appears as part of the title for the last time with issue for May, 1869. Monthly; one volume per year. Vols. XIII. to XLVIII., inclusive.**

2072. **Insurance News (The).** *Philadelphia; Sq. Quarto.* First issue in 1883. Monthly; one volume per year. Vols. III. to X., inclusive (except IV. and V., which were never published); XIV. to XVIII., inclusive, and XX.**

2073. **Insurance Opinion.** An Epitome of the Insurance Press. *New York; Sq. Quarto.* First issue June, 1894. Monthly; two volumes per year. Vols. I. to IV., inclusive.

2074. **Insurance Post (The).** Advocating and Advertising only Sound Insurance. *Chicago; Sq. Folio.* First issue January 16, 1892. Semi-monthly; two volumes per year. Vols. I. to XIV., inclusive; complete.**

2075. **Insurance Press (The).** A Newspaper for Insurers and Insured. *New York; Sq. Folio.* First issue September 11, 1895. Weekly; two volumes per year. Vols. I. to VII., inclusive; complete.**

2076. **Insurance Radiator (The).** *Sq. Folio.* First issued at New Orleans January 10, 1891, as a weekly, and so continued for six months, concluding Vol. I.; then issued as a semi-monthly for remainder of 1891 and all of 1892; and as a monthly thereafter. With January, 1894, removed to Dallas, Texas, and published there up to April, 1896, which number was published at Atlanta, Ga. Publication made there until September, 1896, when office was changed to New York. Publication made there until February, 1898, when removed to Kansas City, Mo. Vols. I. to XIII., all more or less incomplete, except X., XI. and XII.**

2077. **Insurance Register.** A Weekly Review of Insurance. *Philadelphia; Sq. Quarto.* First issue February, 1895. Monthly until July 21, 1898; weekly beginning with issue for July 28, 1898; one volume per year. Vols. I. to IV., inclusive; complete.**

2078. **Insurance Report.** *Denver, Colo.; Folio.* First issue January 15, 1897. Weekly; one volume per year. Vols. I. and II.; complete.**

2079. **Insurance Sun (The).** *San Francisco; Quarto.* Established 1892. Monthly; one volume per year. Vol. IX.**

2080. **Insurance Times (The).** *New York; Quarto.* First issue January, 1868. Monthly; one volume per year. Vols. I. to XXXI., inclusive; complete.**

2081. **Insurance Topics.** An Advocate of all Legitimate Insurance Interests. *Boston; Sq. Folio.* First issue January, 1899.**

2082. **Insurance World.** *Pittsburgh; Quarto.* First issue May 15, 1874, at Philadelphia, and publication continued there until October of that year. First issue at Pittsburgh November, 1874. Monthly; one volume per year. Vols. I. to XXV.**

2083. **Interview (The).** An Insurance Examiner. *New York; Sq. Folio.* Established 1895. Fortnightly; two volumes per year. Vol. VIII.**

2084. **Investigator (The).** Hew to the Line, Let the Chips Fall where they May. *Chicago; Sq. Folio.* First issue June, 1874. Monthly until end of 1880; weekly beginning with issue for January 8, 1881; two volumes per year until end of 1876; one volume per year thereafter. Portions of all volumes except I., VII. and IX.; complete Volumes XVI. to XX., inclusive; XXII.; and XXIV. to XXVII., inclusive.

2085. **Mariner (The).** An International Review of Shipping, Marine Insurance and Kindred Subjects. *London; Sq. Quarto.* First issue September 16, 1889. Monthly; two volumes per year. Vols. I. and II.

2086. **Mutual Underwriter.** In the Interests of Assessment Insurance. *Rochester, N. Y.; Sq. Folio.* First issue of New Series April 15, 1889. Originally established in 1881 at Green Spring, Ohio, as a fire insurance paper, and so conducted until removed to Rochester, when changed to a life insurance publication. Monthly; one volume per year. Vols. VIII., IX., and XI. to XVIII., inclusive.**

2087. **New England Insurance Gazette and Monthly Financial Record.** *Boston; Sq. Quarto.* First issue May, 1862. Monthly; one volume per year. Last issue made in 1874 or 1875. Odd numbers of Vols. I., IV., V., VI., VII., XI., XII. and XIII.

2088. **New York Insurance Journal (The).** *New York; Sq. Quarto.* First issue January, 1886, continuing *The Insurance and Real Estate Journal* (*q. v.*). Semi-monthly; one volume per year. Vols. for 1895 and 1896.**

2089. **Ohio Underwriter (The).** An Insurance Newspaper. *Cincinnati; Folio.* Established 1897. Fortnightly; one volume per year.**

2090. **Pacific Underwriter (The).** A Publication devoted to the Interests of Insurance. *San Francisco; Sq. Quarto.* First issue April, 1887. Monthly until end of that year; fortnightly beginning with issue for January, 1888; one volume per year. Vols. II. to XII., inclusive.**

2091. **Philadelphia Intelligencer.** *Philadelphia; Folio.* Established in 1857 as *The Insurance Intelligencer* (*q. v.*). Monthly; one volume per year.**

2092. **Post Magazine and Insurance Monitor.** Chiefly devoted to the Discussion of Topics Connected with the Principles and Practice of Life Assurance. *London; Sq. Quarto.* Established 1840. Weekly; one volume per year. Vols. XXIII., XXVI. and XXVIII.

2093. **Record and National Advocate of Insurance (The).** *New York; Sq. Folio.* Established 1879. Monthly; one volume per year. Vols. XIII.; and XVI. to XX., inclusive.

2094. **Review (The).** *London; Folio.* First issue September, 1869. Monthly; one volume per year. Vols. I. to XV., inclusive; XVII., XXI. and XXII.

2095. **Review (The).** A Commercial, Insurance and Literary Journal. *New York; Sq. Folio.* First issue May 30, 1878. Weekly; two volumes per year. Vols. I. to V., inclusive; VII.; and IX. to XXXIV., inclusive.

2096. **Rough Notes.** A Journal devoted to Insurance and the Industries. *Indianapolis; Sq. Folio.* First issue November 10, 1878. Monthly until October, 1896; weekly, beginning with issue for November 14, 1896. Issued as *Indianapolis Rough Notes* until November, 1880, inclusive; name changed to *The Rough Notes* with issue for December, 1880; became *Rough Notes* with issue for November, 1886. One volume per year until October, 1896; after that two volumes per year. Vols. I. to XXII.; complete.**

2097. **Searchlight (The).** A Monthly Journal of Insurance and Finance. *London; Sq. Folio.* First issue December, 1898.**

2098. **Spectator (The).** An American Weekly Review of Insurance. *New York; Sq. Folio.* First issued at Chicago, January, 1868; New York and Chicago with issue for July, 1869; New York with issue for April 30, 1885. Monthly until November, 1880, inclusive; weekly beginning with issue for December 9, 1880. One volume in 1868; two volumes per year thereafter. Vols. I. to LXI.; complete. (Current issues furnished by a member.)

2099. **Standard (The).** A Weekly Insurance Newspaper. *Boston; Sq. Quarto.* First issue September, 1882, continuing *The Index*, of which eleven volumes had been issued. Monthly until end of 1882; weekly beginning with issue for January 6, 1883. Two volumes per year. Vols. XII. to XLIII.; complete.**

2100. **Surveyor (The).** A fortnightly Insurance Journal. *New York; Sq. Folio.* First issue September 17, 1892. Weekly until September 9, 1893, inclusive; fortnightly beginning with issue for September 25, 1893. Two volumes per year. Vols. I. to XII., inclusive; complete.**

2101. **Thrift.** An Advocate of Mutual Benefit, Fraternal and Accident Insurance, and Building Associations. *New York; Sq. Quarto.* First issue March, 1894. Monthly; two volumes per year. Vols. I. to X., inclusive; complete.**

2102. **Tuckett's Monthly Insurance Journal, Health, and Friendly Societies' Monitor.** A Scientific, Independent, and General Record. *Philadelphia; Folio.* First issue January 15, 1852; published until end of 1861, when succeeded by *The Commercial and Insurance Journal*, which was discontinued in 1863. Monthly; one volume per year. Vol. I., complete, and odd numbers of Vols. II., III. and IV.

2103. **Underwriter (The).** A Monthly Journal devoted to Insurance. Established 1869 as *The Philadelphia Underwriter. Philadelphia; Sq. Quarto.* One volume per year. Vols. XI., XII., XIII. and XV.

2104. **Underwriter's Review (The).** Fire, Life, Accident and Casualty Insurance. *Des Moines, Iowa; Folio.* Established 1893. Originally monthly; changed to semi-monthly; one volume per year.**

2105. **United States Insurance Gazette and Magazine of Useful Knowledge.** *New York; Octavo.* First issue May, 1855, previous to which it had been published for about one year as a weekly newspaper. Monthly; two volumes per year. Vols. I. to XIX., inclusive; XXII. to XLI., inclusive; XLIX. and L. Last issue supposed to have appeared in 1882. Also Index to first forty-three volumes in one volume.

2106. **United States Review (The).** A Weekly Journal of Insurance. First issue July 15, 1868, under name of *Northwestern Review*, at Chicago; removed to Philadelphia and present name adopted in 1875. Originally a Quarto, published semi-monthly; in January, 1872, changed to a weekly; subsequently changed to Octavo form and published monthly. Present form Folio, issued

weekly; two volumes per year. Vols. XV., XXI., XXIII. to XXVII., inclusive; XXXI., XXXIII. to LXIX., inclusive.**

2107. **Views.** Devoted to Insurance Interests and the Public Welfare. *Washington, D. C.; Sq. Quarto.* First issue February, 1889. Monthly; one volume per year. Vols. I. to X., inclusive; complete.**

2108. **Vigilant (The).** A Journal devoted exclusively to Insurance. *New York; Folio.* First issue November, 1893. Monthly; two volumes per year. Vols. X. and XI.**

2109. **Vindicator (The).** A semi-monthly Insurance Journal. First issue September 1, 1883, at Atlanta, Ga.; removed to New Orleans May 1, 1884. *Sq. Quarto.* Monthly until March, 1891; semi-monthly beginning with April, 1891. Volume issues irregular up to end of 1893; after that two volumes per year. Vols. IV. to XXII., inclusive.**

2110. **Weekly Underwriter (The).** An Insurance Newspaper. *New York; Sq. Quarto.* Established 1859 as *The Wall Street Underwriter and General Stock Register*, which was originally a weekly, and changed to monthly in April, 1861. Name changed in 1868 to *New York Underwriter and General Stock Register*, and so continued until December, 1878, when name became *The New York Underwriter;* present name adopted January, 1880. Monthly; one volume per year until 1878, inclusive; after that two volumes per year. Vols. XX. to LIX., inclusive. Current numbers furnished by a member.

2111. **Western Insurance Review.** A Journal Published in the Interest of Life, Fire and Marine Insurance. *St. Louis, Mo.; Sq. Quarto.* First issue September, 1867; enlarged to Folio with issue for October, 1878. Monthly; one volume per year. Vols. VIII., and X. to XXXI., inclusive.**

Law of Fire Insurance

(Including other Branches when Treated of in same Books)

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2113. **Barber (William):** Principles of Insurance Adopted in the Civil Code of the State of California, with Notes and References to Adjudged Cases. *San Francisco*, 1882, *T.*, *pp.* 435.

2114. **Beach (Charles Fisk, Jr.):** Commentaries on the Law of Insurance, including Life, Fire, Marine, Accident, and Casualty and Guaranty Insurance in every Form, as Determined by the Courts and Statutes of England and the United States. *Boston*, 1895, *O.*, *Vol. I. pp.* 606; *Vol. II. pp.* 944.

2115. **Beaumont (George D. B.):** Law of Fire and Life Insurance, with the Latest Decisions and an Appendix containing Tables for Three Lives, Tables for Benefit Clubs, and other Practical Rules and Tables. Second edition. *London*, 1846, *O.*, *pp.* 90.

2116. **Beawes (Wyndham):** Lex Mercatoria, or a Complete Code of Commercial Law; being a General Guide to all Men in Business, whether as Traders, Remitters, Owners, Freighters, Captains, Insurers, Brokers, Factors, Supercargoes, or Agents, with an Account of our Mercantile Companies; of our Colonies and Factories abroad; of our Commercial Treaties with Foreign Powers, etc., etc. Sixth edition. *London*, 1813, *Q.*, *Vol. I. pp.* 757; *Vol. II. pp.* 446.

2117. **Bennett (Edmund H.):** Fire Insurance Cases; being a Collection of all the Reported Cases on Fire Insurance in England, Ireland, Scotland, and America, from the Earliest Period to the Present Time, Chronologically Arranged, with Notes and References. *New York*, 1875, *O.*, *Vol. I.*, 1729 to 1839, *pp.* 804; *Vol. II.*, 1840 to 1848, *pp.* 848; *Vol. III.*, 1849 to 1854, *pp.* 844; *Vol. IV.*, 1855 to 1864, *pp.* 855; *Vol. V.*, 1865 to 1875, *pp.* 865. Indexed with the first twenty volumes of the *Insurance Law Journal*, 1893.

2118. **Berryman (J. R.):** Digest of the Law of Insurance; being an Analysis of Fire, Marine, Life and Accident Insurance Cases; including Cases Relating to Insurance in Mutual Benefit Societies. In continuation of Sansum's Insurance Digest. *Chicago*, 1888, *Q.*, *pp.* 1754.

2119. **Biddle (Arthur):** A Treatise on the Law of Insurance, including Fire, Life, Accident, Guarantee and other Non-marine Risks, with Reference to the Decisions in the United States, England, Ireland, Scotland, Canada, and the other British Provinces. *Philadelphia*, 1893, *O.*, *Vol. I. pp.* 649; *Vol. II. pp.* 764.

2120. **Bigelow (Melville M.):** Reports of all the Published Life and Accident Insurance Cases Determined in the American Courts prior to January, 1871, with Notes to English Cases. *New York*, *Octavo*, *Vol. I.*, 1871, *pp.* 799; *Vol. II.*, 1872, *pp.* 800; *Vol. III.*, 1874, *pp.* 879; *Vol. IV.*, 1875, *pp.* 736; *Vol. V.*, 1876, *pp.* 800. Indexed with the first twenty volumes of *Insurance Law Journal*, 1893.

2121. **Bliss (George):** The Law of Life Insurance, with a Chapter on Accident Insurance. Second edition. *New York*, 1874, *O.*, *pp.* 793.

2122. **Blodget (A. C.):** Law of the Fire Insurance Contract. *Detroit*, 1886, *O.*, *pp.* 112. (Not completed.)

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2133. **Dixon (Francis B):** A Treatise on the Law of Subrogation, with Full References to the Civil Law. *Philadelphia*, 1862, *O.*, *pp.* 188.

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2143. **Hine (C. C.):** Enactments of the Several States Regarding Insurance Directly, the Laws Concerning Arson and Incendiarism, Embezzlement, Fire Patrol Organizations, Inquests for the Origin of Fires, and the General Constitutional and Statutory Provisions Bearing upon Insurance Corporations, and Cognate Subjects. *New York*, 1876, *O.*, *pp.* 880.

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APPENDIX

Containing a Sketch of the History of the Association, with a List of its Members and Other Information

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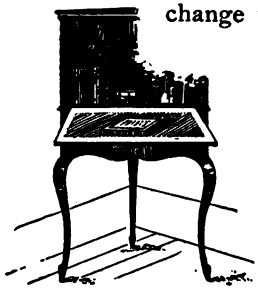
The Insurance Library Association is so directly an outgrowth of the New England Insurance Exchange that a sketch of its history must begin with that of the mother organization. The Exchange was formed in 1883 by the fire insurance field men having jurisdiction in New England. It was a purely voluntary organization, exposed to the possibility of disruption at any time, and in that case whatever property it might have acquired would have been left without ownership. As the value of this property increased from year to year, the necessity of providing some permanent form of ownership for it became more and more apparent, and this culminated when it was proposed on behalf of Exchange members to establish a library of fire insurance literature in a decision to provide some form of corporate ownership. To incorporate the Exchange was out of the question, and finally it was decided to form an incorporated society composed of members of the Exchange, which would thereby be controlled entirely in its interest, but which at the same time would be assured of continued and permanent existence in case the Exchange went out of operation. Accordingly, on the twenty-eighth day of December, 1887, a



certificate of incorporation was granted by the Commonwealth of Massachusetts creating the Insurance Library Association of Boston, "for the purpose of prosecuting educational, historical, literary, scientific, and social purposes primarily in connection with, or relating to, insurance; acquiring and holding books, maps, plans, surveys, and papers relating to insurance, and general literature and science, and for establishing, fitting, furnishing, and maintaining a suitable place for a reading room, library, and for social meetings; and for any and all other purposes legitimately incidental to, or in aid of, the main purposes of the Association."

The Insurance Library Association being thus created, it became necessary to provide funds to carry out its objects, and the fire insurance companies represented in the Exchange were appealed to, and responded with subscriptions amounting to over five thousand dollars. With this for an equipment fund, the Trustees proceeded to secure and fit up rooms, which were opened on the twenty-second day of December, 1888, almost exactly a year after the Association was incorporated. From the outset it has been the plan of the Trustees to provide and maintain the property of the Association at a high standard of quality and efficiency, and as a result the income derived yearly from membership fees has been largely spent in adding to the library and in necessary enlargements and repairs; nevertheless the funds have been so well husbanded that the amount originally spent in establishing the plant has been replaced in bank, so that that which was at the outset subscribed as an Equipment Fund has now become a Maintenance Fund, yielding an interest income, which is added to the principal from year to year. One generous legacy has been left the Association by a deceased member, and in time similar bequests may be looked for from those who to-day are enjoying the privileges of membership. No more appropriate manner of keeping their memory green could be suggested, for the work of the Association is being constantly enlarged, and its scope is limited only by the means at the disposal of its Trustees.

List of Subscribers

The existence of the Insurance Library Association of Boston was rendered possible, and its success was assured, by the generosity of the following-named Subscribers to its Equipment and Maintenance Fund.

Ætna Insurance Company	Hartford.
Agricultural Insurance Company	Watertown.
Alliance Insurance Association	New York.
Albany Insurance Company	Albany.
American Fire and Marine Insurance Company	Boston.
American Fire Insurance Company	New York.
American Fire Insurance Company	Philadelphia.
American Fire Insurance Company	Newark.
American Central Insurance Company	St. Louis.
Anglo Nevada Assurance Corporation	San Francisco.
Boston Insurance Company	Boston.
Boylston Insurance Company	Boston.
British-America Assurance Company	Toronto.
Buffalo German Insurance Company	Buffalo.
Citizens Insurance Company	New York.
City of London Fire Insurance Company	London.
Commerce Insurance Company	Albany.
Commercial Union Assurance Company	London.
Commonwealth Insurance Company	New York.
Continental Insurance Company	New York.
Eliot Insurance Company	Boston.
Equitable Fire and Marine Insurance Company	Providence.
Fire Association of Philadelphia	Philadelphia.
Fire Insurance Association	London.

Fireman's Fund Insurance Company	San Francisco.
Firemen's Insurance Company	Newark.
Firemen's Fire Insurance Company	Boston.
First National Fire Insurance Company	Worcester.
Franklin Fire Insurance Company	Philadelphia.
German American Insurance Company	New York.
German Alliance Insurance Company	New York.
Germania Fire Insurance Company	New York.
Girard Fire and Marine Insurance Company	Philadelphia.
Glens Falls Insurance Company	Glens Falls.
Granite State Fire Insurance Company	Portsmouth.
Greenwich Insurance Company	New York.
Guardian Fire and Life Assurance Company	London.
Hamburg-Bremen Fire Insurance Company	Hamburg.
Hanover Fire Insurance Company	New York.
Hartford Fire Insurance Company	Hartford.
Home Insurance Company	New York.
Imperial Fire Insurance Company	London.
Insurance Co. of the State of Pennsylvania	Philadelphia.
Insurance Company of North America	Philadelphia.
Lancashire Insurance Company	Manchester.
Liberty Insurance Company	New York.
Lion Fire Insurance Company	London.
Liverpool & London & Globe Insurance Co.	Liverpool.
London Assurance Corporation	London.
London & Lancashire Fire Insurance Company	Liverpool.
Manchester Fire Assurance Company	Manchester.
Mercantile Fire and Marine Insurance Company	Boston.
Merchants Insurance Company (The)	Newark.
Meriden Fire Insurance Company	Meriden.
National Fire Insurance Company	Hartford.
Neptune Fire and Marine Insurance Company	Boston.
New Hampshire Fire Insurance Company	Manchester.
New York Bowery Fire Insurance Company	New York.
Newark Fire Insurance Company	Newark.
Niagara Fire Insurance Company	New York.
North American Insurance Company	Boston.

North British & Mercantile Insurance Company	London.
Northwestern National Insurance Company	Milwaukee.
Northern Assurance Company	London.
Norwich Union Fire Insurance Society	Norwich.
Orient Insurance Company	Hartford.
Pacific Fire Insurance Company	New York.
Pennsylvania Fire Insurance Company	Philadelphia.
Phenix Insurance Company	New York.
Philadelphia Underwriters	Philadelphia.
Phœnix Assurance Company	London.
Phœnix Insurance Company	Hartford.
Providence-Washington Insurance Company,	Providence.
Prudential Fire Insurance Company	Boston.
Queen Insurance Company	Liverpool.
Rochester-German Insurance Company	Rochester.
Royal Insurance Company	Liverpool.
Royal Exchange Assurance	London.
Scottish Union and National	Edinburgh.
Springfield Fire and Marine	Springfield.
Spring Garden Insurance Company	Philadelphia.
Sun Fire Office	London.
Traders Insurance Company	Chicago.
Union Assurance Society	London.
United Firemen's Insurance Company	Philadelphia.
United States Fire Insurance Company	New York.
Westchester Fire Insurance Company	New York.
Western Assurance Company	Toronto.

Erratum.—There should have been included in the List of Subscribers the name of the Union Insurance Company of Philadelphia.

By-laws of the Association

ARTICLE I.

Admission to membership in The Insurance Library Association of Boston shall be open only to members of the New England Insurance Exchange, and to New England field men of Companies subscribing to the equipment and maintenance of this Association. Any such member, or any such field man, who shall sign these By-laws and pay the sum of ten dollars as the first year's due, shall thereby become a member of this Association, and shall thereafter pay an annual assessment of ten dollars, together with such further assessments as shall be recommended by the Board of Trustees and approved by vote of the Association.

Membership.

Annual Dues and Assessments.

Any member of this Association shall, if elected by a majority vote of the members present at any regular or special meeting of this Association, become a life member thereof. In issuing a call for such meeting the clerk shall state in said call the name or names proposed for life membership. Life members of this Association shall have all the rights and privileges accorded to active members.

Life Members.

Members shall have the same rights and privileges, and be subject to the same responsibilities, as if they had signed the original agreement for incorporation of this Association. If a member changes his occupation so as not to be connected with the insurance business his active membership shall cease; but he shall be given a subscriber's card, without charge, for the remainder of the year for which his dues

Rights and Responsibilities.

Active Membership shall Cease.

are paid, upon application to the Trustees. Only active members shall have the right to attend and vote at the meetings of the Association. If any member shall fail to pay any assessment within the time in which it is, by vote of the Association, made payable, his membership shall thenceforth cease, and shall not be renewed save by vote of the Association and upon payment of all unpaid dues.

Right to Vote.

Failure to Pay.

ARTICLE II.

Subscribers' cards and Visitors' cards, entitling their holders to the use of the reading room and library at such times and under such rules and charges as may be fixed and established therefor, may be issued under direction, and with approval, of the Trustees.

Subscribers' and Visitors' Cards.

ARTICLE III.

An annual meeting of the members of the Insurance Library Association of Boston shall be held on the second Saturday in January of each year, at the rooms of the Association, or at such other place as may be designated in the notice for the meeting. Notice of the annual meeting and of any special meeting shall be signed by the President or by the Clerk of the Association, and shall be given either by delivery in hand to each member, or mailed to the last-known post-office address of each member to whom notice in hand is not given, not less than seven days before the time for such meeting. Notice, as above provided, of any meeting may be dispensed with in the case of any member or members who shall in writing acknowledge receipt of due and sufficient notice of such meeting. Special meetings of the Association shall be called by the President, with notice as above provided, upon the written request of not less than five members of the Association. At any meeting of the Association at least fifteen members shall be necessary to constitute a quorum; but in the absence of a quorum, a less number may adjourn the meeting to a specified time and place.

Annual Meeting.

Notice of Meetings.

Special Meetings.

Quorum.

whether prescribed by law, by these By-laws or by vote of the Trustees. In his absence a Clerk *pro tempore* may be chosen, who shall also be sworn, and shall, in the absence of the Clerk, perform the duties of Clerk in his stead. The records shall be the property of the Association.

ARTICLE IX.

Duties of Treasurer.

The Treasurer shall, whenever required thereto by the Corporation or by the Trustees, give bond for the faithful discharge of his duties in such sum and with such sureties as shall satisfy the Trustees. He shall have the custody of the corporate seal, whenever one is adopted, and shall keep suitable books of account, which shall be subject at all times to the inspection and control of the Trustees. He shall take or give proper vouchers for all disbursements, and shall exhibit the financial condition of the Association to the Trustees whenever required, and to the members at their annual meeting. The same person may be eligible to the offices at the same time of Treasurer and of Clerk. The Treasurer may, with the approval of the Board of Trustees, delegate to the Librarian the keeping of accounts and other clerical duties of his office. All moneys received shall be deposited in bank in the name of the Association, and disbursements thereof shall be only upon checks signed by the Treasurer and countersigned by the Chairman.

ARTICLE X.

Duties of Librarian.

The Librarian, under the direction of the Treasurer and Board of Trustees, shall keep the accounts of the Association, and shall perform such other duties as may be assigned him by the Board of Trustees, including such as ordinarily pertain to the office of Treasurer, if thereto requested by the Treasurer and the Board of Trustees.

ARTICLE XI.

Rules and Regulations.

Rules and Regulations relative to the use of the library and rooms of this Association shall be made by the Board of Trustees, but no one shall be permitted to remove any book, map, survey, or other similar property from the Association rooms without a special vote of the Trustees authorizing him for special cause so to do. Such rules and regulations shall be duly printed for the information of members, and shall be displayed in the Association rooms.

ARTICLE XII.

Amendments to By-laws.

These By-laws may be amended at any regular meeting of this Association upon a vote of two thirds of the members present and voting; and at any special meeting, provided that due notice shall have been given in the call therefor that an amendment of the By-laws is proposed. A copy of the proposed amendment shall be posted for two weeks upon the bulletin of this Association in its rooms, and shall be mailed to each member at least two weeks before the date of the meeting at which action is to be taken.

Rules and Regulations

Smoking is not allowed in the Association rooms.

Copies or tracings of maps or surveys must not be made.

No one shall be permitted to remove any book, map, survey or other similar property from the Association rooms without a special vote of the Trustees authorizing him for special cause so to do.

Employees of Subscribers visiting the rooms must be known to the Librarian, and must not remain after the business on which they are sent has been transacted.

Subscribers' and Employees' Cards may be recalled at any time upon vote of the Trustees, and *pro rata* return of the amount paid for such cards.

Chairmen of Rating Committees of the New England Insurance Exchange may remove the maps of towns of which such Committees have charge, for use in any room of the Exchange, upon giving a receipt agreeing to return such maps during same day.

THE READING ROOM

List of Members

The following list shows the year in which each member joined the Association, together with year of withdrawal if no longer a member. Where an asterisk (*) precedes the name, a photograph of such member is included in the Library collection :—

1888	*Adams, Alexander C.	
1895	*Adlard, Walter	
1899	Alden, H. Bingley	
1891	Allen, George H.	
1898	Anthony, Arthur C.	
1888	*Babb, George W., Jr.	1889
1888	*Baker, Henry N.	1897
1898	Banks, Samuel S.	
1894	Barley, Joseph F.	
1888	*Bartlett, William B. (deceased)	1891
1888	*Barton, Steven E.	1892
1892	*Bartow, Nevitt S.	
1898	Battilana, Frank H.	
1889	Bean, Henry S.	
1891	*Berry, Arthur L.	
1894	Blood, Herbert F.	1898
1889	Bodwell, George B.	1891
1893	*Boothby, William A. R.	
1896	Brewer, George E.	1897
1895	Brown, Isaac J.	1898
1889	*Brush, Edward C.	
1888	*Burger, Joseph H.	1894
1898	Burnside, Joseph F.	
1889	*Burrington, Arthur S.	
1892	*Buxton, Mark R.	
1888	*Carpenter, Frederick B.	

1888	*Carpenter, George O. (deceased)	1897
1891	*Case, William W.	1892
1888	*Chadwick, Orville B. (deceased)	1895
1895	Churchill, Heber B.	1899
1888	Clapp, Horace B.	1898
1890	Clarke, Arthur A.	
1889	Clarke, Samuel B. (deceased)	1895
1898	*Clifford, Charles C.	
1888	*Colley, Frank A.	1892
1898	Conner, Edward P.	
1888	Corbet, James C.	1893
1888	*Cornish, John B.	
1898	Cornish, John J.	
1888	*Cowles, Edmund B.	
1893	*Cross, Fred D.	
1888	*Crosby, Uberto C.	
1889	Curtis, Alonzo P.	1890
1889	Curtiss, Edwin A. (deceased)	1891
1888	*Dearborn, William F.	
1888	*Downey, John J.	
1889	Dooley, Thomas H.	
1889	Damon, Alonzo W.	1891
1889	De Camp, Daniel J. (deceased)	1895
1899	Ducayet, Kirby S.	
1888	*Emerson, Moses R.	
1888	*Everett, Edward F. (deceased)	1899
1888	*Eastman, George W.	
1889	*Edgar, George P. (deceased)	1893
1898	Fairfield, Herbert G.	
1888	*Field, George P.	
1895	Fiske, Henry A.	1896
1888	*Forbush, James M.	1895
1895	*Forbush, Gayle T.	
1898	Fowler, Arthur B.	
1888	*Fowler, Charles B.	
1892	*Freeman, Horace V. (deceased)	1894
1891	*Furness, George A.	

1892	Furness, William T.	1894
1888	*Galacar, Charles E.	1889
1899	Galacar, Frederick R.	
1888	*Gillett, Albert B.	1892
1899	Gilmour, William	
1899	Goddard, Ralph F.	
1888	Goulé, Louis F.	
1888	*Gray, William R.	
1895	Grier, William D.	1898
1888	Grover, Jefferson W.	
1889	*Hastings, James F.	1893
1895	*Hatch, Arthur T.	
1889	*Hellyar, William H.	
1896	Hendrick, Elwood	
1888	*Hess, Henry E.	
1890	Hill, Herbert C.	1891
1897	Hill, Willard C.	
1889	*Hilliard, Joseph C.	1891
1888	*Hinkley, George W.	
1888	*Hiscock, Henry L.	
1888	*Hollis, J. Edward (deceased)	1899
1895	Howe, Samuel G.	
1888	*Ide, George Herbert	1895
1891	Ide, Henry J.	
1899	Jordan, L. Stewart	
1888	*Judd, Charles C.	1892
1888	Jenckes, William D.	1896
1888	Kearley, George R.	1894
1888	*Kendall, George E.	1898
1891	*Kendig, John L.	
1889	*Knabe, Henry A.	
1899	Lauler, Walter A.	
1892	*Law, Edgar A.	1893
1888	Leighton, James H.	
1892	Leypoldt, Rudolph G.	1895
1894	*Liecty, John L.	
1889	Linnell, John W., Jr.	1893

1895	*Lock, Frank	
1888	Loewenguth, Louis E.	1894
1889	Macullar, Charles E.	
1895	*McClellan, William B.	
1895	Medlicott, William B.	
1898	Neal, William B.	
1890	*Neiley, George	
1888	*North, Edward C.	
1895	Nutt, Frank A.	
1889	O'Brion, Thomas L.	
1889	Paige, John C. (deceased)	1898
1888	*Palmer, Charles D.	
1888	*Parsons, Samuel G.	
1888	*Patridge, Eugene E.	
1898	Prentice, Daniel	
1889	Reid, James J.	1892
1895	Rice, Clifford H.	
1888	*Rice, William F.	
1889	*Richards, Ellis G.	1890
1896	Rosencrantz, George S.	
1896	Russell, George O.	
1889	*Sewell, Albert W.	
1890	*Shaw, George	
1889	*Shepley, George L.	
1888	*Sherman, Amos	1895
1888	*Simpson, Arthur K.	
1889	Slade, Albion K., Jr.	
1889	*Slocum, Charles M.	1898
1888	Smith, Charles G.	1892
1890	*Smith, William H.	
1891	*Soule, Horace H., Jr.	
1889	*Stevens, Francis H.	
1888	*Stillman, Benjamin R.	1890
1898	Tallman, George, Jr.	
1888	Tatman, R. James	1897
1888	Taylor, George W.	1889
1891	*Teale, W. Tracy	1898

1895	*Tillinghast, James E.	
1888	*Turner, Henry R.	
1899	Underhill, Clarence K.	
1888	Vinton, Hammond (deceased)	1892
1889	*Watson, Edward L.	1890
1888	*Wetherbee, Frederic A.	1894
1888	Wheelock, Howard S.	1896
1897	Wheelock, Isaac R.	1899
1889	Whitney, Henry F.	1892
1888	*Whittemore, Benjamin B.	
1888	Whyte, Samuel J.	1890
1888	*Wilcox, Walter L.	
1889	*Wilkins, Clarence H.	
1888	Wise, Charles H.	1892
1892	Wood, Harry P.	
1892	*Woodside, Charles L.	
1888	*Wray, Alexander H.	1890

Photographs

In addition to photographs of such members of the Library Association as have an asterisk (*) affixed to their names in the List of Members, on pages 257 to 261 inclusive, the Association albums contain photographs of members of the New England Insurance Exchange who are not members of this Association, as follows: James Bruerton, W. E. Baker, E. B. Bailey, W. F. Bauer, Curtis Clarke, W. F. Crook, H. C. Eddy, W. G. Everett, J. D. Eaton, W. G. Fitch, A. L. Frisby, H. C. Fuller, C. M. Goddard, G. B. Greenslet, I. L. Holt, Geo. C. Howe, C. W. Kellogg, John B. Knox, F. M. Lloyd, R. W. Loomis, W. B. McCray, J. H. Mott, Jr., Geo. J. Porter, S. B. Reed, F. W. Sargent, E. J. Sloan, E. G. Snow, J. U. Taintor, Giles K. Tinker, P. F. Turner, W. H. Winkley and S. P. Wood. Also a photograph of George Adlard, Esquire, one of the first agents in Boston, and subsequently a prominent manager in New York, presented by his grandson, Mr. Walter Adlard; and an album containing forty-one photographs of Directors and Officers (1888–1890) of the Continental Insurance Company of New York.

Portraits

The Association has been presented with crayon portraits of the following named deceased members of the New England Insurance Exchange.

Clarke, Nicholas Arthur
French, George Atherton
Horner, Benjamin Sanford
Miller, Danforth Leavins
Smith, Lemuel Dickinson
Steere, Whiteman Tourtellotte

Old Policies and Policies used in Foreign Countries

Among other *memorabilia* the Association has received from various sources policies of interest because of their age; and also specimens of policies used in foreign countries, these latter being sent us by companies issuing them in response to a request therefor made while this Catalogue was in process of printing. These foreign specimens cover policies used in the following named countries: Austria, Balkan States, Belgium, Canada, Denmark, England, France, Germany, Holland, Hungary, Italy, Japan, Norway, Portugal, Romania, Russia, Sandwich Islands, South Africa, Spain, Sweden and Switzerland. They are arranged in the order named in a book large enough to permit the policies to be bound in full size, so that they can be readily inspected and compared by those interested in such matters. In this book have also been placed various old policies as follows: —

Office of Joseph Dows, King Street, Boston, with four underwriters, insuring sloop "Ranger," 1746.

Office of Nathaniel Barber, Ann Street, Boston, with three underwriters, insuring schooner "Three Friends," 1774.

Royal Exchange Assurance, London, insuring dwelling of David Garrick, 1775.

Hand in Hand Office, London (framed), 1778.

Office of John Hurd, Boston, with three underwriters, acting for twenty in all, and insuring brigantine "Chance," 1784.

Office of Peter C. Brooks, Boston, with four underwriters, insuring schooner "Sukey," 1800.

Hartford Fire Insurance Company, insuring Jonathan Ramsey of Hartford, 1817.

Washington Insurance Company, New York, insuring Thomas Brooks, 1821.

Massachusetts Fire and Marine Insurance Company, insuring Francis Stanton, 1829.

Photographic Views and Groups

The Association has been presented from time to time with photographs, many made by members who are amateur photographers, of groups of adjusters, outing parties, great fires and other interesting occasions and events; and these have been mounted in albums which are at the disposal of members and visitors upon application to the Librarian. These photographs are as follows:—

Conflagration at Marblehead, Mass., 1888; four views.

Conflagration at Lynn, Mass., 1889; seven views.

Adjusters at Glens Falls, N. Y., 1883.

Burning of Gardner Block, Brockton, 1889; two views.

Adjusters at St. John, N. B., 1871.

Ice-covered ruins of Hecht Wool Warehouse, 1893; two views.

Salvage at Litchfield, Ct., 1888.

Burning of Congregational Church and adjoining Factory, Rockland, Mass., 1890.

Conflagration at Eastport, Me., 1886; four views.

Ice-covered ruins of Granite Block, Augusta, Me., 1890; two views.

Outing of Exchange, 1891; five views.

Outing of Exchange, 1893; five views.

Adjusters at Baltic Mills, Connecticut, 1888; two views.

Officers and Special Agents, Hartford Fire Insurance Company, 1885.

Trial of Waterworks, North Brookfield, Mass., 1894; three views.

Buildings photographed at Night by light of their own burning, Litchfield, 1889; framed.

Conflagration at Norway, Me., 1894.

Insurance Library Rooms, 1889.

Group of Canadian Fire Underwriters Association, with key, 1886; framed.

Reproduction in fac-simile of the New Hampshire Compact, 1885; framed.

Group of Boston Underwriters clerks, 1865; framed.

Ruins of Aldrich House, Providence, R. I., 1888; framed.

Photo-lithograph Copy of Reminiscences of Engine Company No. 18, giving roster of the Old Barnicoats, Boston, 1849; framed.

Merchants Exchange, State Street, Boston, 1842, showing Insurance Offices of that day; framed.

Old State House in 1872, framed, showing its Occupancy for Insurance Offices.

Group of Southeastern Tariff Association, taken at Washington, 1896; framed.

Form of Bequest

I give and bequeath to the Insurance Library Association of Boston, incorporated in 1887, the sum of .....

..... Dollars,

to be applied to the uses of said corporation.

Signed, ...

¶ THIS BOOK WAS PRINTED IN THE YEAR EIGHTEEN HUNDRED AND NINETY-NINE AT THE SHOP OF FRANK WOOD, WASHINGTON STREET, BOSTON, MASS., U. S. A.

Report of the Insurance Library Association of Boston

Containing the CLERK'S REPORT, the TREASURER'S REPORT; and a LIST, Alphabetically Arranged by Subject and Author, of all the Principal Accessions to the LIBRARY since the Publication, in 1899, of the Catalogue of Mr. Henry E. Hess.

For the Year Ending January 1, 1903

Boston, Massachusetts, January 1, 1903

THE NEW YORK
PUBLIC LIBRARY

ASTOR, LENOX AND
TILDEN FOUNDATIONS
1911

A LIST

ALPHABETICALLY ARRANGED UNDER SUBJECT AND AUTHOR OF ALL THE

PRINCIPAL ACCESSIONS

TO THE

INSURANCE LIBRARY OF BOSTON, ON FIRE AND MARINE INSURANCE AND KINDRED SUBJECTS, SINCE THE PUBLICATION, IN 1899, OF THE CATALOGUE OF THE INSURANCE LIBRARY COMPILED BY MR. HENRY E. HESS.

INCLUDING ALSO ARTICLES SELECTED FROM INSURANCE PERIODICALS, THE MAGAZINES, AND TECHNICAL PAPERS BEARING ON THE SUBJECTS NAMED.

WITH NUMEROUS CROSS-REFERENCES.

BY D. N. HANDY, LIBRARIAN.

BOSTON, 1903.

REPORT OF THE CLERK

OF THE

INSURANCE LIBRARY ASSOCIATION

OF BOSTON.

BOSTON, MASS., January 1, 1903.

GENTLEMEN:—

The Association's membership now numbers one hundred and eleven, a gain over all of eight since our last annual report. These members are classed as follows: regular members, one hundred and two; subscribers, eight; life member, one. Fifteen new members have joined, six have resigned or moved to other fields, and two have been lost to the Association by death during the year. One new subscriber has been added, and none has withdrawn in the same time.

The accessions to the library during the year numbered four hundred and fifty, of which two hundred and fifty-one were bound volumes and one hundred and ninety-nine were pamphlets. The whole number of bound volumes in the library is now 3,368.

Four thousand and ninety-two callers at the library have been noted. As this necessarily excludes those members calling during the noon hour when the librarian is out, the whole number for the year would be considerably more. Twenty-nine visitors have registered.

The routine work of the library has called for eight hundred and ninety-six domestic and forty-one foreign letters. In this connection it will be of interest to members to know that the number of inquiries directed to the library concerning matters relating to insurance literature is increasing every year. These inquiries come from every part of the English-

speaking world, adding eloquent testimony to the importance of the work which the Association is doing.

The Board of Trustees held three meetings during the year; the Association held one.

The Association's property, valued according to the basis of valuation adopted by the Board of Trustees, October 4, 1901, amounts to $15,553.26. This amount is obtained as follows:—

Bound volumes, at 75 cents the volume, 3,368 .	$2,526.00
Furnishings	1,100.00
Cash in Savings Banks and American Telephone Bonds	11,927.26
Total,	$15,553.26

Early in the year, the sum of $4,124.54—the amount of the generous legacy left to the library by the late John C. Paige—was paid over to the Association. Acting with the advice and consent of the Board of Trustees, $4,030.78 of this sum was invested by the Treasurer in Four American Telephone Bonds, which are yielding the Association an income of four per cent per annum.

The maps loaned the Association by the Sanborn Map Company have been kept up to date by renewals and corrections. Twelve bound maps have been added during the year. Including renewals, twenty-nine small maps have been added. Eight large maps have been corrected. The total number of maps in the library is four hundred and thirty-four, of which twenty-seven are bound maps.

About one hundred and twenty-five copies of the Want Bulletin issued during the spring have been sent to publishers, booksellers, and others known to be interested in insurance literature. It is believed that the serviceableness of these bulletins might be increased if each member of the Association would try to keep a copy of the latest edition on hand, and in his travels from place to place use it, not only for reference in studying the library's needs, but also to bring the library's needs to other insurance men, whose interest in the Association might be stimulated thereby.

Seven permits to take books out of the library, under the rules, have been issued by the Board. Under these permits nineteen books have been taken from the library for home study.

The lack of room is still a heavy handicap to the work that the library might and ought to be doing. Perhaps no subject can more profitably engage the attention of the incoming Board than this. It is a matter upon which the future development of the library very closely depends.

E. C. Brush, *Clerk.*

REPORT OF THE TREASURER

OF THE

INSURANCE LIBRARY ASSOCIATION

OF BOSTON.

BOSTON, January 1, 1903.

RECEIPTS.

Balance from last year			$7,910.62
Received from memberships and subscriptions, 107 at $10 each		$1,070.00	
From last year's account		10.00	
From New England Insurance Exchange		750.00	
From interest		366.65	
From John C. Paige legacy		4,124.54	
Total receipts		$6,321.19	$6,321.19

EXPENDITURES.

Bookbinding	$95.50			
Book purchase	163.08			
Furnishings	19.36			
Maps	420.94			
Office expenses	120.22			
Printing	63.15			
Rent	15.00			
Salary	775.00			
Total	$1,672.25			
For Bonds, Am. Tel., 4 at 99⅜, including accrued interest, and commission	4,030.78			
Total	$5,703.03		$5,703.03	
Cash in Savings Banks		$7,927.26		
Cash in New England Trust Co.		586.17		
Petty cash		15.35		
Total		8,528.78	$8,528.78	
			$14,231.81	$14,231.81

Audited and found correct: E. C. BRUSH, *Treasurer.*

CHARLES P. NOYES, *Expert Accountant.*

PREFACE.

The whole number of books and pamphlets added to the Insurance Library in 1900 was 856, in 1901, 475 and in 1902, 450, making nearly 1,800 accessions since the publication of Mr. Hess' Catalogue in 1899. Besides these have been articles of very great theoretical and practical value, contributed to current numbers of insurance periodicals, which, without attempting to enumerate, we have endeavored, by classifying and indexing, to rescue from undeserved oblivion, and make accessible to students of insurance. Thus the actual accessions to the library in the last three years must number several hundred, at least, more than appears from its regular reports.

These facts are offered as one reason for publishing at this time a supplementary catalogue of the Fire and Marine Insurance literature in the Insurance Library of Boston.

But there is another reason. While on its theoretical side fire insurance is pretty firmly established, so that it is subject to but little change from year to year, on its practical side it is subject to changes constantly. Its literature, therefore, as it touches the practical side, soon becomes obsolete, or at least insufficient, and in need of much supplementing. The Catalogue of 1899 makes available to the student the contents of the library three years ago; this catalogue aims to supplement that by making available what has been added since.

While the burden of an undertaking of this kind is necessarily great, it is believed that no contribution which the Insurance Library can now make will be more useful to members of the Association, more pleasing to the friends who have helped to make the library what it is, or more helpful to the fire underwriting fraternity as a whole. It is to be remembered that no other organization is at present engaged on so extensive a scale in collecting fire insurance literature; that no other is in a position to do the work of cataloguing so thoroughly; and in a way, since the literature of any subject becomes available in proportion as it is indexed and classified, that no work stands in greater need of being done.

D. N. HANDY, *Librarian.*

BOSTON, MASS., Feb. 28, 1903.

EXPLANATION.

The following pages are strictly supplementary. Nothing entered in the Catalogue of 1899 has been intentionally entered here. It is especially desirable, therefore, that students of insurance literature understand from the outset that this list must always be used in connection with the Catalogue of 1899, which preceded it.

Organizations and institutes established since 1899, or whose reports the Insurance Library has begun to receive since 1899, are entered here, with the usual information regarding them. Reports of all organizations entered in the Catalogue of 1899 as "complete" have been received complete to date. Individual papers and addresses delivered before the latter, during 1900, 1901 and 1902, are given in the following pages, under subject and author headings. The finding reference, by which any article may be located, is usually under the subject rather than the author heading. The key to the subject heading is furnished by the arrangement of titles under each "author" heading. Thus if it is desired to find a certain article on the electrolysis of gas and water pipes, by William Brophy, the seeker being sure only of the fact that an article on this general subject has been written by Mr. Brophy, he will find, on turning to BROPHY, William, "Electrolysis of Gas and Water Pipes, The Prevention of," but without any definite location of it. The word "Electrolysis," however, will serve as the key; and turning to "Electrolysis," he will find the article in question and its definite location.

Annuals, Insurance Journals, Directories, and Statistical and Law Reports, issued periodically, listed as complete in the Catalogue of 1899, have been received complete to date. They are not entered here.*

A list of abbreviations used in these pages, with the explanation of each, and of the few special classifications employed, will be found on the next page.

* For volumes and files still needed to complete sets of the above publications, entered in the Catalogue of 1899 as "incomplete," see the Insurance Library WANT BULLETIN, a copy of which will be sent on request.

ABBREVIATIONS.

Argus. The Argus, Chicago.
BP. Bound Pamphlets.
Birmingham. Proceedings, The Insurance Institute of Birmingham.
British. Publications, The British Fire Prevention Committee.
Chronicle. The Chronicle, New York.
Coast Review. The Coast Review, San Francisco.
Commissioners. Proceedings National Convention Insurance Commissioners.
Cosmop. Mag. Cosmopolitan Magazine, New York.
Econ. Monthly Journal of Insurance Economics, Boston.
Engineers. Proceedings, International Association of Fire Engineers.
Experiment Station. Reports, Insurance Engineering Experiment Station, Boston.
Federation. Journal of the Federation of Insurance Institutes of Great Britain and Ireland.
Glasgow. Proceedings, Insurance and Actuarial Society of Glasgow.
Ins. Eng. Insurance Engineering, New York.
Ins. Field. The Insurance Field, Atlanta, Ga.
Ins. Library. Reports, Insurance Library Association of Boston.
Ins. Post. The Insurance Post, Chicago.
Ins. Report. The Insurance Report, Denver.
Ins. Reg. The Insurance Register, Philadelphia.
Local Agents. Proceedings, National Association of Local Fire Insurance Agents.

Manchester. Proceedings, Insurance Institute of Manchester.

Massachusetts. Proceedings, Massachusetts State Firemen's Association.

Monitor. The Insurance Monitor, New York.

Mutual Benefit. Reports, The Insurance Clerks' Mutual Benefit Association of the City of New York.

Mutuals. Publications, Boston Manufacturers' Mutual Fire Insurance Co., Boston.

National. Proceedings, National Board of Fire Underwriters.

New Castle. Proceedings, Insurance Institute of New Castle-upon-Tyne.

New Zealand. Proceedings, Insurance Institute of New Zealand.

Northwest. Proceedings, Fire Underwriters' Association of the Northwest.

Norwich. Proceedings, The Norwich Insurance Institute.

Norwich Union Mag. Norwich Union Magazine.

Ohio. Annual Reports, Ohio State Board of Fire Underwriters. Auxiliary to the National Board of Fire Underwriters.

Pacific. Proceedings, Fire Underwriters' Association of the Pacific.

Philadelphia. Reports, Insurance Society of Philadelphia.

Protection. Proceedings, National Fire Protection Association.

Scrap Bk. Scrap Book.

South. Proceedings, Underwriters' Association of the South.

Spectator. The Spectator, New York.

Standard. The Standard, Boston.

T. I. P. The Insurance Press, New York.

Toronto. Proceedings, The Insurance Institute of Toronto, Canada.

Und. Rev. The Underwriters' Review, Des Moines.

U. S. Review. The United States Review, Philadelphia.

Vermont Report. Report of the Insurance Commissioner of Vermont.

Victoria. Proceedings, The Insurance Institute of Victoria.

Views. Views, Washington, D. C.

Vindicator. The Vindicator, New Orleans.

Wales Record. Reports of Proceedings, Insurance Institute of New South Wales.

Weekly Und. Weekly Underwriter, Pittsburgh.

Western Und. Western Underwriter, Cincinnatti and Chicago.

Yorkshire. Report of Proceedings, Insurance Institute of Yorkshire.

SPECIAL CLASSIFICATIONS.

British Fire Prevention Committee, Reports of Tests.
Field Organizations.
Fire Hazards and Processes.
Fire Tests of Materials.
Historical.
Insurance Directories.
Insurance Engineering Experiment Station, Reports of.
Law of Insurance.
Statistics of Insurance (including Almanacs, etc.)
Weight Tests of Materials.

A

ABBOTT, Frank B. Fireproof and Rustproof Construction of Steel Buildings.

— Fire Proof Construction, The Unbidden Guest in.

Abridgement of Specifications Relating to Fire Engines, Extinguishers, Escapes, Alarms, etc., A. D. 1625 to 1866. Published by order of the Commissioners of Patents, London, 1877. D pp. 350–26.

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— The Best Illuminant yet Discovered. Anon. *Advocate, XIII: 213, 238, 265.*

— and its Generation. Anon. *T. I. P., De. 12, 1898, p. 2.*

— and its Hazards. By F. M. Griswold. *T. I. P., Fe. 9, 1898.*

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— By David Porter Heap, Lieut.-Col. of Engineers, U. S. A. (cut from *Cosmop. Mag.*, Sept., 1901). BP. XV.

— By John Hunter. *Newcastle, 1898–99: 39.*

— By William McDevitt. *Engineers, 1899: 60.*

— Authorities on. By F. Cortez Wilson & Co. BP. XI.

— Dangers Incident Thereto. By Robert Howe. *Toronto, 1899–1900: 53.*

— Future of. By George Landis Wilson. Pamph. O pp. 7. BP.

— Hazards of, as Compared with Coal Gas. By F. M. Griswold. *T. I. P., Mr. 30, 1898, p. 5.*

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— Production and Use of. By W. Doman. O pp. 60. London, 1902.

— Reports on. *National, 1901: 108; 1902: 86.*

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Adjustment of Mercantile Losses, The Principles and Practices which Obtain in the. By E. F. Rice. *Ohio, 1877 : 30.*

— of Losses on Buildings. By A. J. Waters. *Ohio, 1876 : 6.*

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Agency Movement, The, From the Company's Standpoint. By John H. Washburn. *Econ., 1 : 105.*

Agent, The, What He Expects from the Company. By Edward B. Case. *Loc. Agents, 1902 : 37.*

Agents, Multiplicity of. By "H. R. T." Folder Sq. S pp. 4. *BP. XVII.* (See also Multiple Agencies.)

Agents' and Surveyors' Pocketbook of Information, Fire Insurance. By George Velten Steeb. S pp. 152. New York, 1896.

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Aims of the Institute. (Toronto.) By J. B. Laidlow. *Toronto, 1899–1900 : 16.*

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An Essay to Prove that all Insurance on Ships and Merchandise at Sea, beyond the Interest of the Assured, ought to be Prohibited. By a Merchant. Pamph. pp. 8. London, 1747. *BP. XIV.*

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Prevention of Loss by Fire, The, an Applied Science. *Engineers, 1902: 55.*

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Automatic Fire Alarms:—
—Closed and Open Circuit, by Parson Fire Alarm System, Ltd. *IX, No. 66.*
Blinds:—
—Fire Resisting. *VII, No. 51.*
Ceilings:—
— A Ceiling by the Asbestos and Asbestic Co., Ltd. *II, No. 19.*
— A Ceiling Constructed with Silicate Cotton (Slagged Wool). *III, No. 28.*
— A Ceiling and Wood Floor, former protected by Additional Suspended Ceiling. *VIII, No. 62.*
Curtains:—
— Fire Resisting, "Screen Soil" Curtains, Two Tests with. *VI, No. 46.*

Curtains (Continued):—

— Two Fire Resisting and Two "Williams" Fire Blinds. *VII, No. 51.*

Doors:—

— A 2-in. Solid-Framed Teak Door. A 1⅜-in. Four Panel Pine Door. A 1⅞-in. Four Panel Pine Door. *III, No. 24.*

— A Wood Door, covered with Tinned Steel Plates. An Iron-Framed and Panelled Door. *III, No. 25.*

— A 2-in. Framed Oak Door with 2-in. Solid Panels. A 2-in. Framed Teak Door with 2-in. Solid Panels. *III, No. 26.*

— A 2-in. Framed Pitch Pine Door with 2-in. Solid Panels. A 2-in. Framed Deal Door with 2-in. Solid Panels. *IV, No. 35.*

— A 2-in. Framed Honduras Mahogany, 2-in. Solid Panels. A 2-in. Framed Poplar Door, 2-in. Solid Panels. *V, No. 39.*

— A 2-in. Framed Austrian Oak Door, 2-in. Solid Panels. A 2-in. Framed American Walnut Door, 2-in. Solid Panels. *V, No. 40.*

— A 2⅝-in. Oak, in Three Thicknesses. A 2⅝-in. Teak, Three Thicknesses. *VII, No. 54.*

— A 2⅝-in. of Archangel Deal, in Three Thicknesses. A 2⅝-in. Quebec Pine, Three Thicknesses. *VI, No. 49.*

— A 2⅜-in. of Archangel Deal, in Three Thicknesses. A 1⅝-in. of Teak, Flush Panelled on each Side, panels in Two Thicknesses. *VII, No. 50.*

— A Deal Ledged, with 1-in. Boarding. A 2-in. Deal, Four Panel, moulded both Sides. *VIII, No. 59.*

— An Iron Framed, Styles and Rails both Sides. An Iron Framed, Styles and Rails one Side. *VIII, No. 60.*

— A Deal and Uralite, "Armoured" with Tinned Steel. A Deal and Uralite, covered with Uralite. *IX, No. 67.*

— A 1¾-in. Framed "Jarrah," with 1¾-in Solid Panels. A 1¾-in. Framed "Karri," with 1¾-in. Solid Panels. *IX, No. 68.*

— Two 2-in. Deal, hung in one Opening with a Space between. Two 2-inch Oak, hung in one Opening with Space between. *IX, No. 69.*

— A 2-in. Framed "Jarrah," Four Panelled. A 2-in. Framed "Karri," Four Panel. *VIII, No. 70.*

Floors:—

— A Floor by the Expanded Metal Co., Ltd. *II, No. 14.*

— Floor of Wooden Joists filled with Concrete. *II, No. 16.*

— Floor of Solid Wood Beams. *II, No. 18.*

— Floor of Steel Joists, filled with Concrete on Corrugated Iron, with Suspended Ceiling. *III, No. 21.*

— Floor by the Columbian Fireproofing Co., Pittsburgh, New York and London. *II, No. 23.*

— Floor of Steel Joists with Coke Breeze Concrete. *IV, No. 34.*

— Floor by the "Gypsine" Brick Co. *V, No. 38.*

— Floor by the Mural and Decorations Syndicate, Ltd. *VI, No. 45.*

— Floor of Deal Joists with Coke Breeze Concrete. *VI, No. 48.*

— Floor of Deal Joists and Coke Breeze Concrete, Expanded Metal Ceiling. *VII, No. 55.*

— Floor by Mural and Decorations Syndicate, Ltd. *VII, No. 56.*

— Floor of Steel Joists with Coke Breeze Concrete. *VII, No. 61.*

— Floor by Banks Fireproof Construction Syndicate, Ltd. *VIII, No. 64.*

— Floor of Jarrah Wood. *IX, No. 71.*

Glass:—
— Casements, Three glaced by the British Luxifer Prism Syndicate, Ltd. *II, No. 20.*
— Casements, Three glaced by the British Luxifer Prism Syndicate, Ltd. *IV, No. 29.*
— Casements, Three. *IV, No. 33.*
— Casements, Three glaced with Wired Glass by Pilkington Bros., Ltd. *IV. No. 31.*
— Skylights, Five glaced by the British Luxifer Prism Syndicate, Ltd. *IV, No. 30.*
— Skylights, Two glaced with Wired Glass, by Pilkington Bros., Ltd. *IV, No. 32.*

Partitions:—
— A Lath and Plaster. A Brick Nogged. *III, No. 22.*
— A Match Boarded, filled in with Silicate (Slagwool) by D. Anderson & Son, Ltd., and J. C. Broadbent & Co., Ltd. *VI, No. 47.*
— A Suspended, by the Fireproof Partition Syndicate, Ltd. *VIII, No. 58.*
— A Partition by the Banks Fireproof Construction Co. Syndicate, Ltd. *VIII, No. 63.*
— A Partition by the "Gypsine" Brick Co. *V, No. 37.*
— A Partition by the Mural and Decorations Syndicate, Ltd. *VI, No. 44.*
— A Partition of "Mack" Patent Slabs. *VII, No. 52.*
— A "Cunnah Wright" Partition. *VII, No. 53.*

Protective Coverings:—
— Girder Coverings, by "Gypsine" Brick Co., Ltd., *VI, No. 43.*

Roofs:—
— Slated Roof, and Ceiling. Flat, Covered with Vulcanite Roofing, and Ceiling. *IX. No. 72.*

Safes:—
— *V, No. 42.*

Treated Wood:—
— Match-boarded Partition of Deal, painted Oil-Color. Match-boarded Partition of "Non-inflammable" Deal, painted with "Non-inflammable" Paint. *VII, No. 57.*
— "Non-inflammable" Wood, by the British Non-inflammable Wood Co. *V, No. 36.*

(See also, **FIRE TESTS, EXPERIMENT STATION,** *NORTON*, etc.)

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(See also **EXPERIMENT STATION, BRITISH, FIRE TESTS,** Steel, Inspection, etc.)

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Corrections—Catalog of 1903.

Page 29. *Explosives*, Cause and Effect' of. Should be EXPLOSIONS.

Page 47. Underwriters Handbook of Ohio. *Rough Notes.* Should be WESTERN UNDERWRITER.

Page 53. Mill Inspection. Add *BP. XV.*

Page 55. National Supervision * * * by Fred. *K.* Brown, Should be V.

Page 61. Ship Building and Marine Engineering * * * *Fifth Series*, *No. 30.* Should be FIFTH SERIES, No. 3.

Page 67. Tobacco Insurance * * * *BP. XI.* Should be *BP. XIII.*

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